



2004 Missouri State Highway System

Traffic Accident Statistics

Missouri Department of Transportation

Missouri State Highway System
Traffic Accident Statistics
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Chapter 1

2004 STATEWIDE TRAFFIC ACCIDENT STATISTICS

The following summary of traffic accidents represents only those accidents that have occurred on the State Highway System of Missouri in 2004. The information contained in this publication is a summary of the accident reports provided to the Missouri Department of Transportation. This publication is possible only through the conscientious reporting efforts of Missouri Law Enforcement Agencies.

These statistics are compiled pursuant to federal law, 23 USC Section 152.

Chapter 1-A : ACCIDENTS BY TYPE

This section divides total 2004 accidents by the type of impact severity. It further distinguishes the types by indicating whether they occurred “ON” or “OFF” the roadway.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Type**

Date: 6/27/2005

Accident Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ACCIDENT TYPE OFF ROAD						
RAN OFF ROAD	4	4	112	197	264	380
RAN OFF ROAD-ANIMAL OTHER THAN DEER	0	0	0	0	5	5
RAN OFF ROAD-BICYCLIST OR PEDALCYCLIST	0	0	0	0	6	6
RAN OFF ROAD-DEER	0	0	2	2	6	8
RAN OFF ROAD-FIXED OBJECT	308	338	6,901	9061	10,434	17,643
RAN OFF ROAD-MOTOR VEHICLE IN TRAFFIC	0	0	0	0	0	0
RAN OFF ROAD-OTHER OBJECT	4	6	32	46	104	140
RAN OFF ROAD-OTHER/NONCOLLISION	1	1	57	69	215	273
RAN OFF ROAD-OVERTURNED ON ROADWAY	0	0	0	0	0	0
RAN OFF ROAD-OVERTURNING	46	49	1,215	1801	776	2,037
RAN OFF ROAD-PARKED MOTOR VEHICLE	4	4	136	201	629	769
RAN OFF ROAD-PEDESTRIAN	3	4	15	22	4	22
RAN OFF ROAD-RAILROAD TRAIN	0	0	0	0	4	4
Subtotal	370	406	8,470	11,399	12,447	21,287
ACCIDENT TYPE ON ROAD						
ANIMAL OTHER THAN DEER	1	1	96	115	552	649
BICYCLIST OR PEDALCYCLIST	0	0	11	11	139	150
CHAIN REACTION REAR END	14	15	2,051	3682	3,042	5,107
DEER	4	4	230	282	2,853	3,087
FIXED OBJECT	6	6	148	196	397	551
MOTOR VEHICLE IN TRAFFIC	287	342	13,760	22433	43,129	57,176
OTHER NON - COLLISION	2	2	99	115	578	679
OTHER OBJECT	0	0	97	131	961	1,058
OVERTURNED ON ROADWAY	24	26	523	719	297	844
OVERTURNING	0	0	0	0	0	0
PARKED MOTOR VEHICLE	0	0	18	28	68	86
PEDESTRIAN	41	41	207	228	18	266
RAILROAD TRAIN	4	5	2	4	5	11
RAN OFF ROAD-MOTOR VEHICLE ON OTHER ROAD	21	29	82	206	147	250
Subtotal	404	471	17,324	28,150	52,186	69,914
Totals	774	877	25,794	39549	64,633	91,201

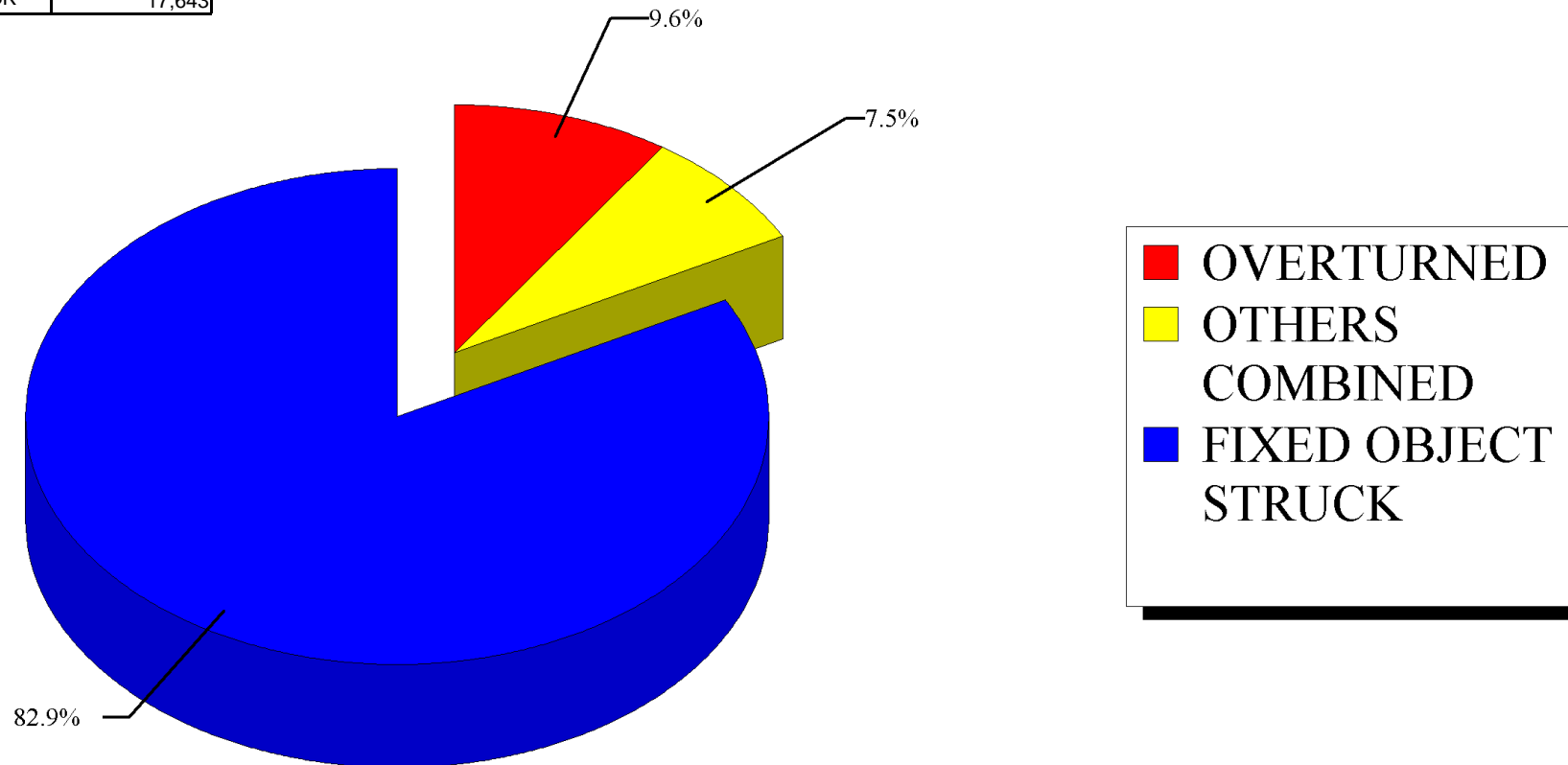


Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

2004 Accidents by Type
21,287 Total Accidents "OFF" Roadway

ACCIDENT TYPE	Total Accidents
OVERTURNED	2,037
OTHERS COMBINED	1,607
FIXED OBJECT STRUCK	17,643



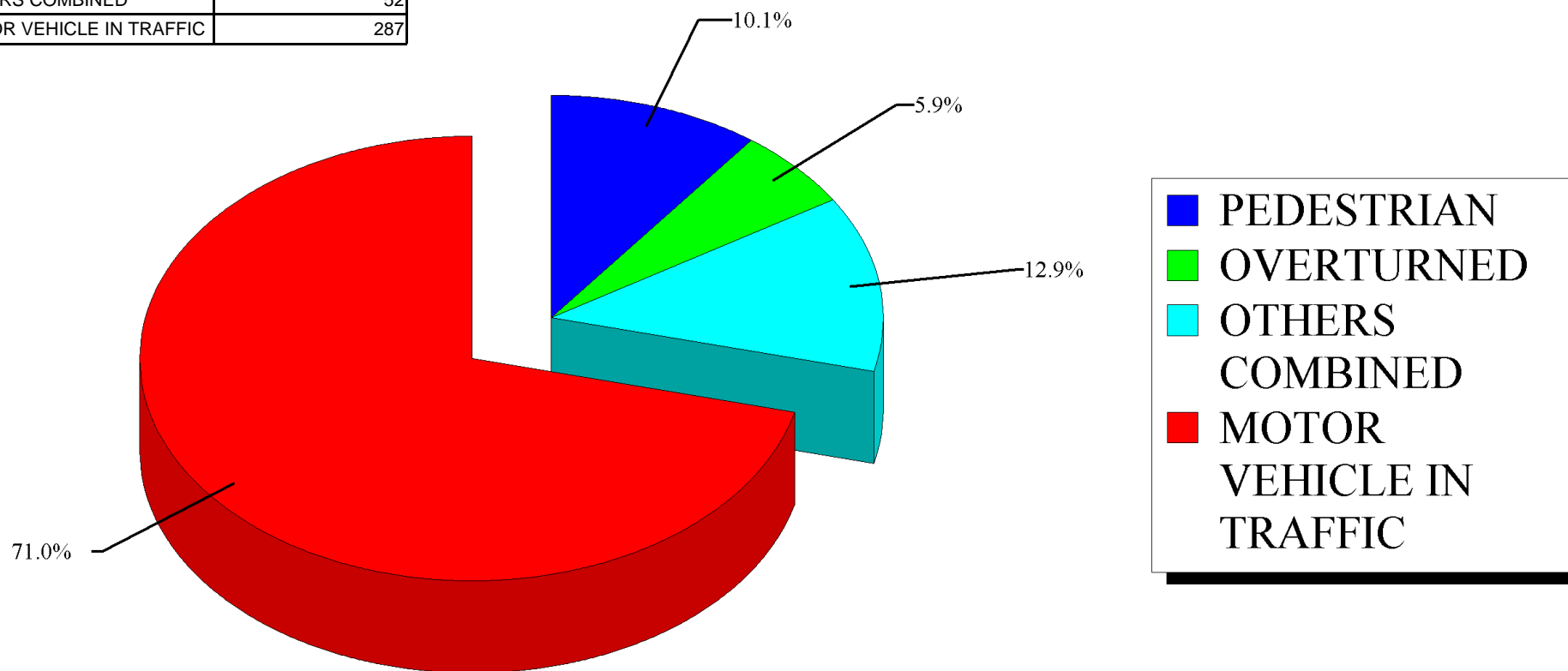


Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

2004 Accidents by Type
404 Fatal Accidents 'ON' Roadway

Accident Type	Fatal Accidents
PEDESTRIAN	41
OVERTURNED	24
OTHERS COMBINED	52
MOTOR VEHICLE IN TRAFFIC	287



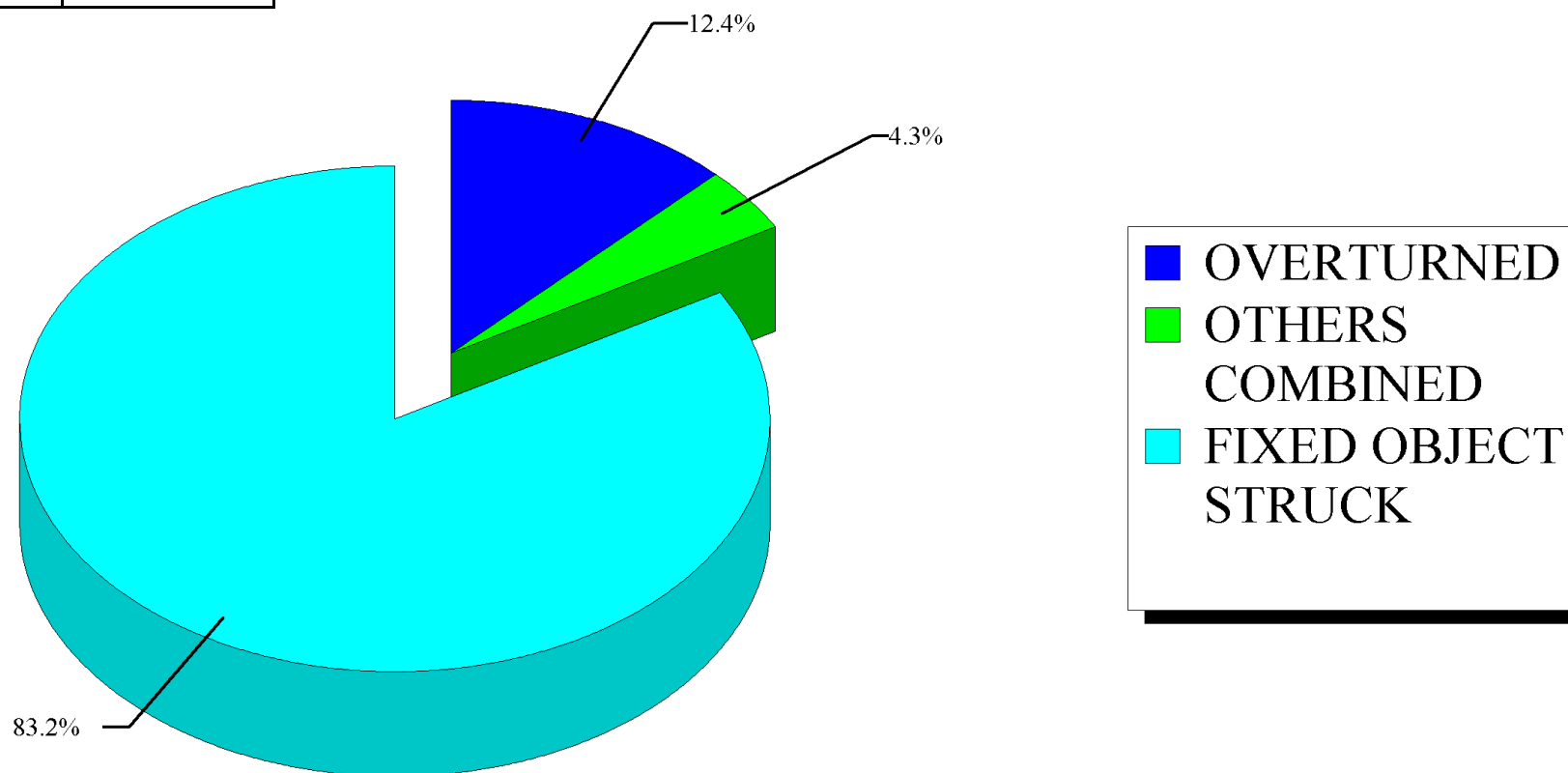


Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

2004 Accidents by Type
370 Fatal Accidents 'OFF' Roadway

Accident Type	Fatal Accidents
OVERTURNED	46
OTHERS COMBINED	16
FIXED OBJECT STRUCK	308



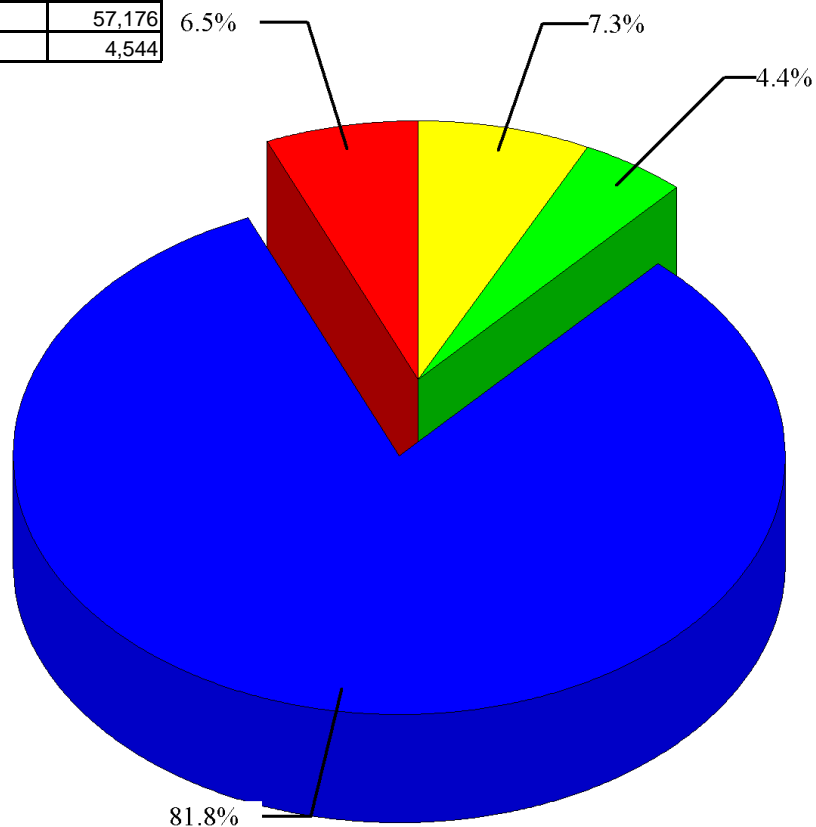


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Transportation Planning

Date: 6/27/2005

2004 Accidents by Type
69,914 Total Accidents "ON" Roadway

ACCIDENT TYPE	Total Accidents
CHAIN REACTION REAR END	5,107
DEER	3,087
MOTOR VEHICLE IN TRAFFIC	57,176
OTHERS COMBINED	4,544



- CHAIN REACTION REAR END
- DEER
- MOTOR VEHICLE IN TRAFFIC
- OTHERS COMBINED

Chapter 1-B : ACCIDENTS BY CONTRIBUTING CIRCUMSTANCES

This section deals with the circumstances that contributed to accidents in 2004. The total number of reported accidents is somewhat less than the total number of contributing circumstances and the number of drivers because each accident could involve one or more drivers and one or more contributing circumstance.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Contributing Circumstance**

Date: 6/27/2005

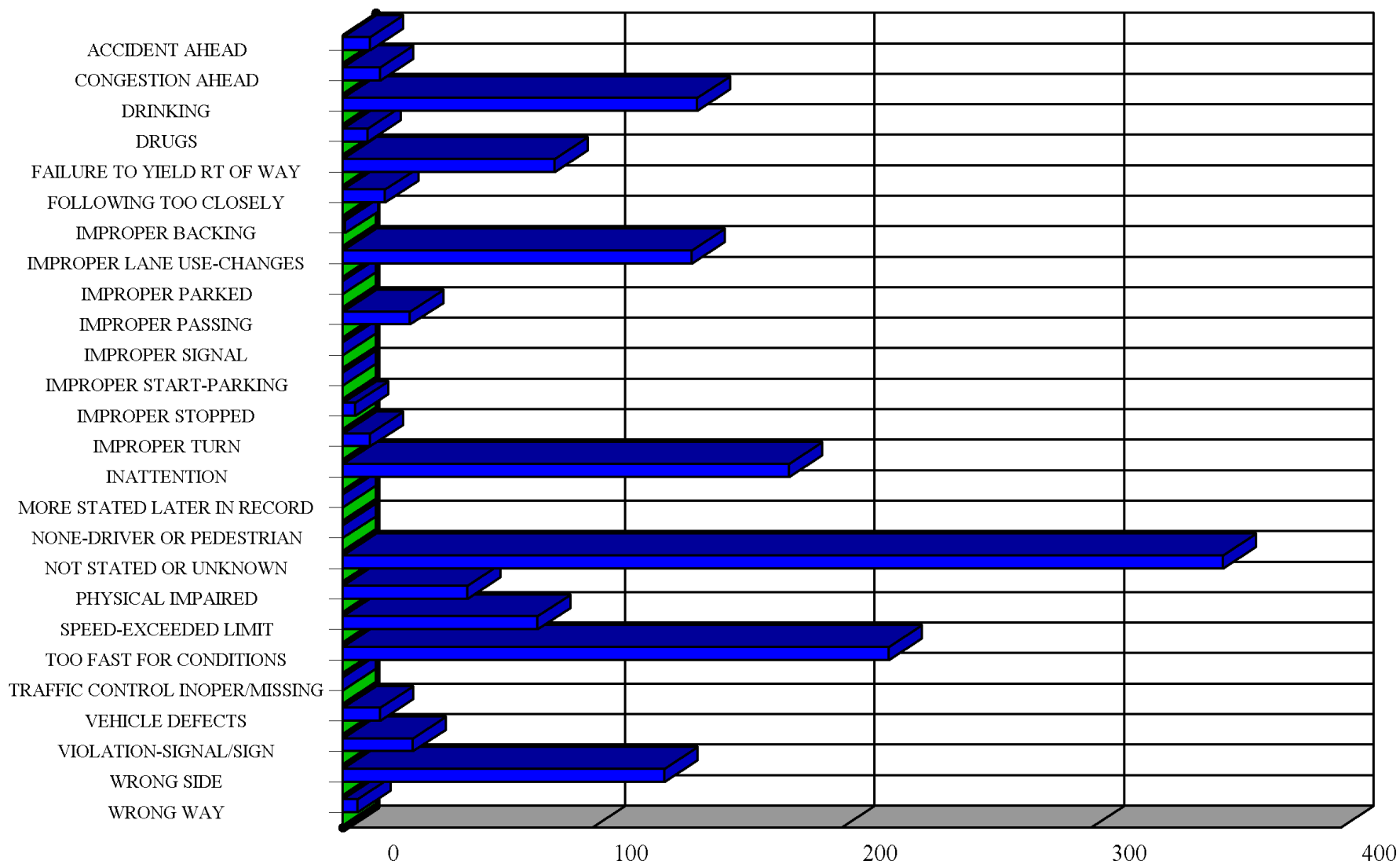
Contributing Circumstance	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
ACCIDENT AHEAD	11	442	1,064	1,517
CONGESTION AHEAD	15	2,910	8,303	11,228
DRINKING	142	2,104	1,975	4,221
DRUGS	10	224	207	441
FAILURE TO YIELD RT OF WAY	85	4,528	9,417	14,030
FOLLOWING TOO CLOSELY	17	4,237	13,357	17,611
IMPROPER BACKING	1	52	872	925
IMPROPER LANE USE-CHANGES	140	2,306	6,413	8,859
IMPROPER PARKED	0	8	25	33
IMPROPER PASSING	27	330	1,052	1,409
IMPROPER SIGNAL	0	52	174	226
IMPROPER START-PARKING	0	36	98	134
IMPROPER STOPPED	5	147	317	469
IMPROPER TURN	11	567	1,801	2,379
INATTENTION	179	7,413	17,631	25,223
MORE STATED LATER IN RECORD	0	0	0	0
NONE-DRIVER OR PEDESTRIAN	0	0	0	0
NOT STATED OR UNKNOWN	353	14,345	43,400	58,098
PHYSICAL IMPAIRED	50	1,077	932	2,059
SPEED-EXCEEDED LIMIT	78	748	723	1,549
TOO FAST FOR CONDITIONS	219	5,826	9,866	15,911
TRAFFIC CONTROL INOPER/MISSING	0	18	46	64
VEHICLE DEFECTS	15	696	2,296	3,007
VIOLATION-SIGNAL/SIGN	28	1,223	1,797	3,048
WRONG SIDE	129	911	916	1,956
WRONG WAY	6	46	61	113
Totals	1,521	50,246	122,743	174,510
IN ACCIDENTS	774	25,794	64,633	91,201
FOR DRIVERS	1,193	45,763	116,025	162,981



Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Fatal Accidents by Contributing Circumstances 1193 Drivers involved in 774 Fatal Accidents

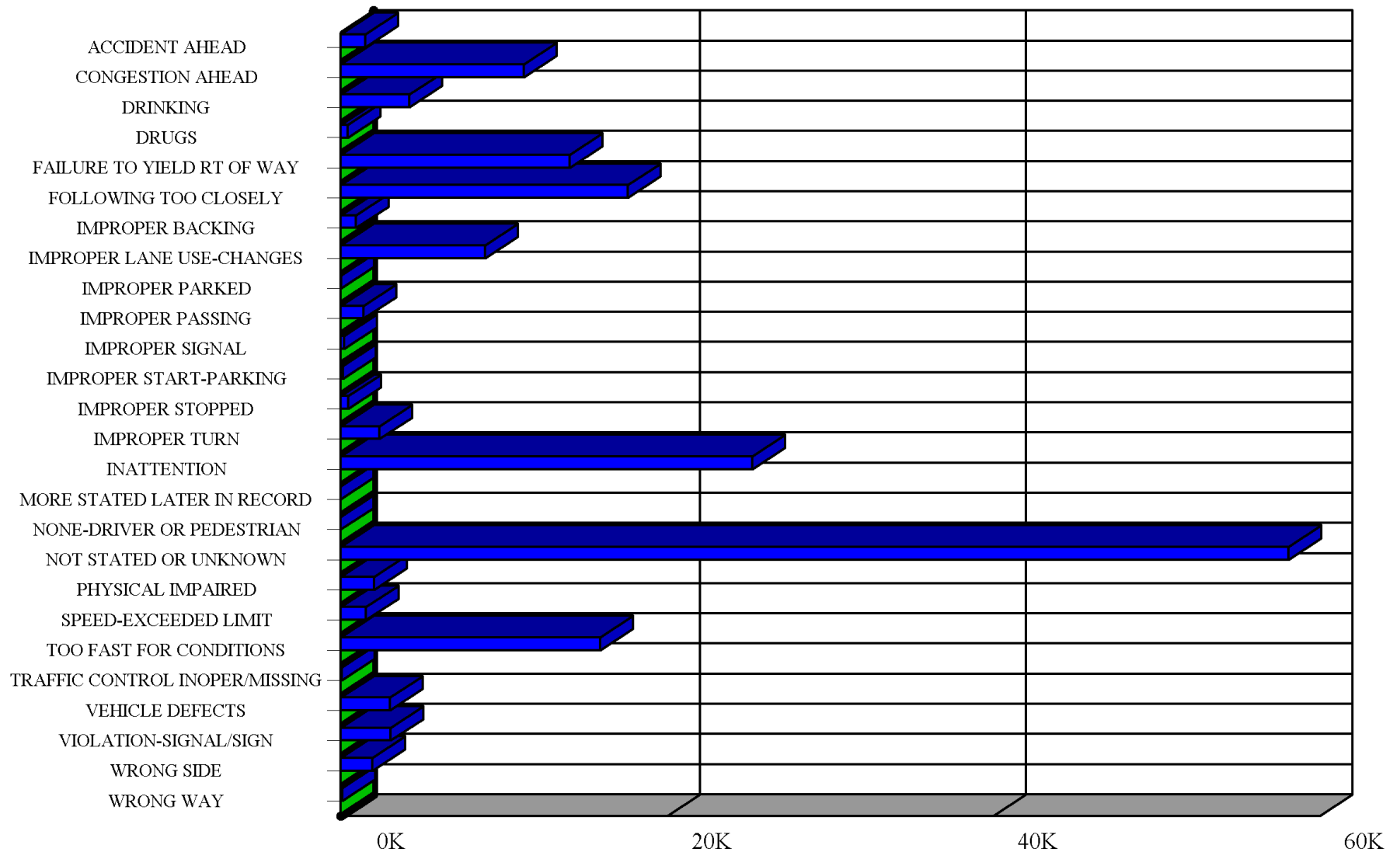




Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Total Accidents by Contributing Circumstances 162981 Drivers involved in 91201 Total Accidents



Chapter 1-C : ACCIDENTS BY POPULATION GROUPING

In this section, accidents are grouped according to the population characteristics of their location. Four (4) categories are used: rural, urban (population 5,000 to 49,999), urbanized (population 50,000 to 199,999) and metropolitan (population 200,000 or greater).

Currently, the metropolitan boundaries or Transportation Management Area have not been established; therefore, all metropolitan accidents have been included in the urbanized grouping.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Population Grouping**

Date: 6/27/2005

Population Grouping	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
METROPOLITAN	0	0	0	0
RURAL	596	12,098	23,437	36,131
UNDESIGNATED	0	0	0	0
URBAN	39	2,558	7,554	10,151
URBANIZED	139	11,138	33,642	44,919
Totals	774	25,794	64,633	91,201

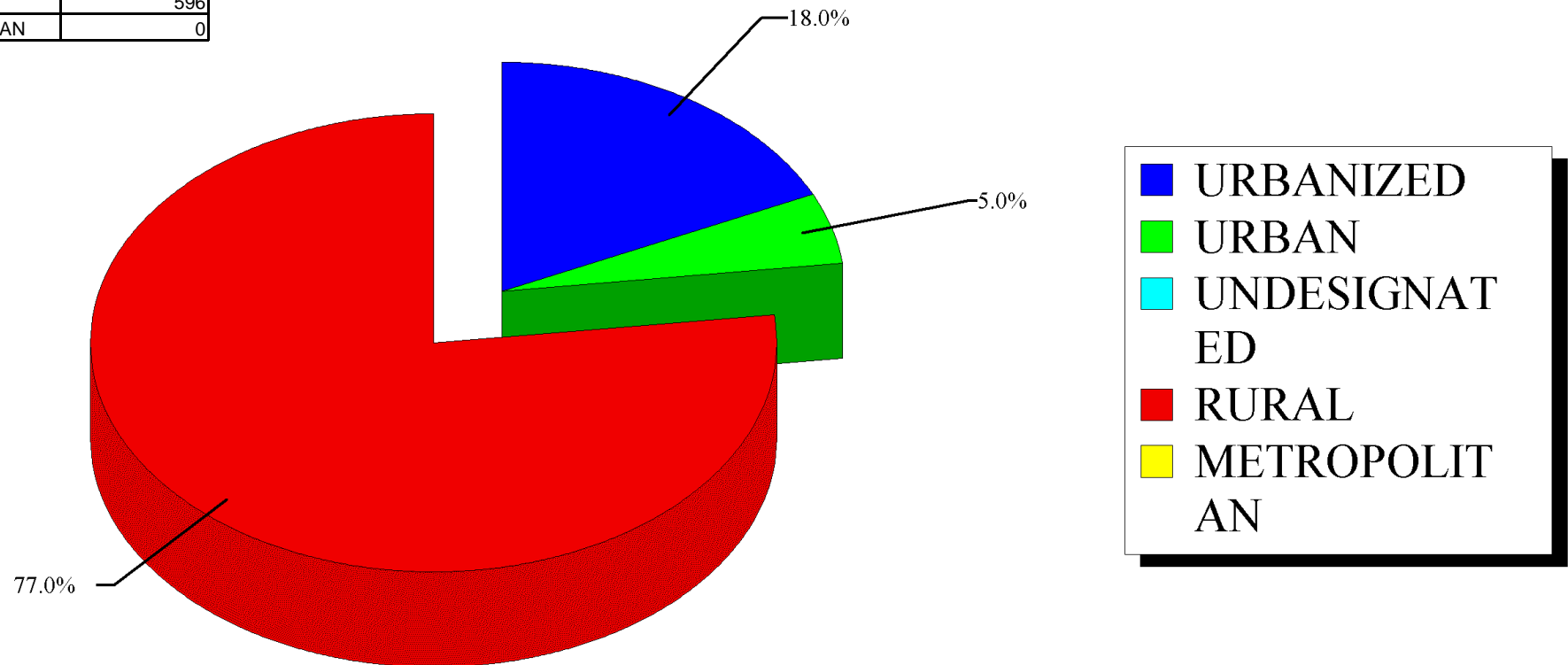


Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

2004 Fatal Accidents by Population Grouping
774 Fatal Accidents

Population Grouping	Total Fatal Accidents
URBANIZED	139
URBAN	39
UNDESIGNATED	0
RURAL	596
METROPOLITAN	0



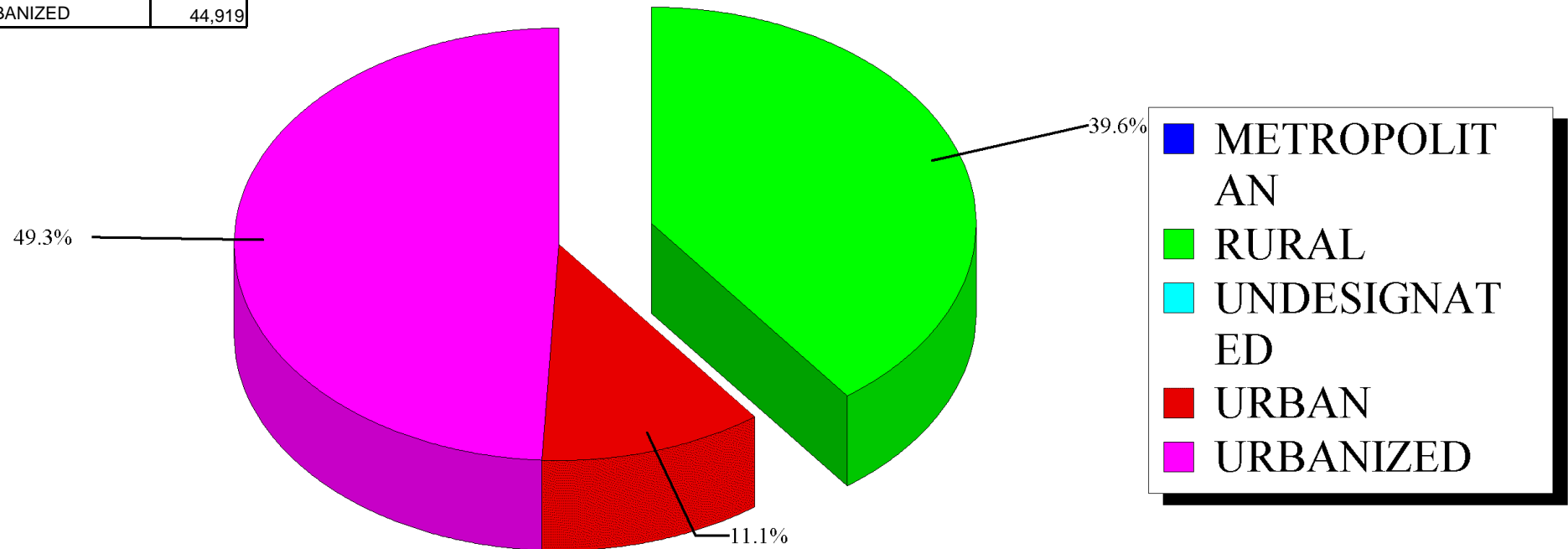


Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

2004 Accidents by Population Grouping 91,201 Total Accidents

Population Grouping	Total Accidents
METROPOLITAN	0
RURAL	36,131
UNDESIGNATED	0
URBAN	10,151
URBANIZED	44,919



Chapter 1-D : ACCIDENTS BY ROUTE MARKING

In 2004, 0.85% of all accidents occurring on the Missouri Highway System resulted in a fatality and 28.28% resulted in an injury. This section separates these total accidents according to the route marking of the highways on which they occurred. In 2004, state numbered routes had the highest percentage of total accidents and the highest percentage of fatal accidents.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Route Marking Designation**

Date: 6/27/2005

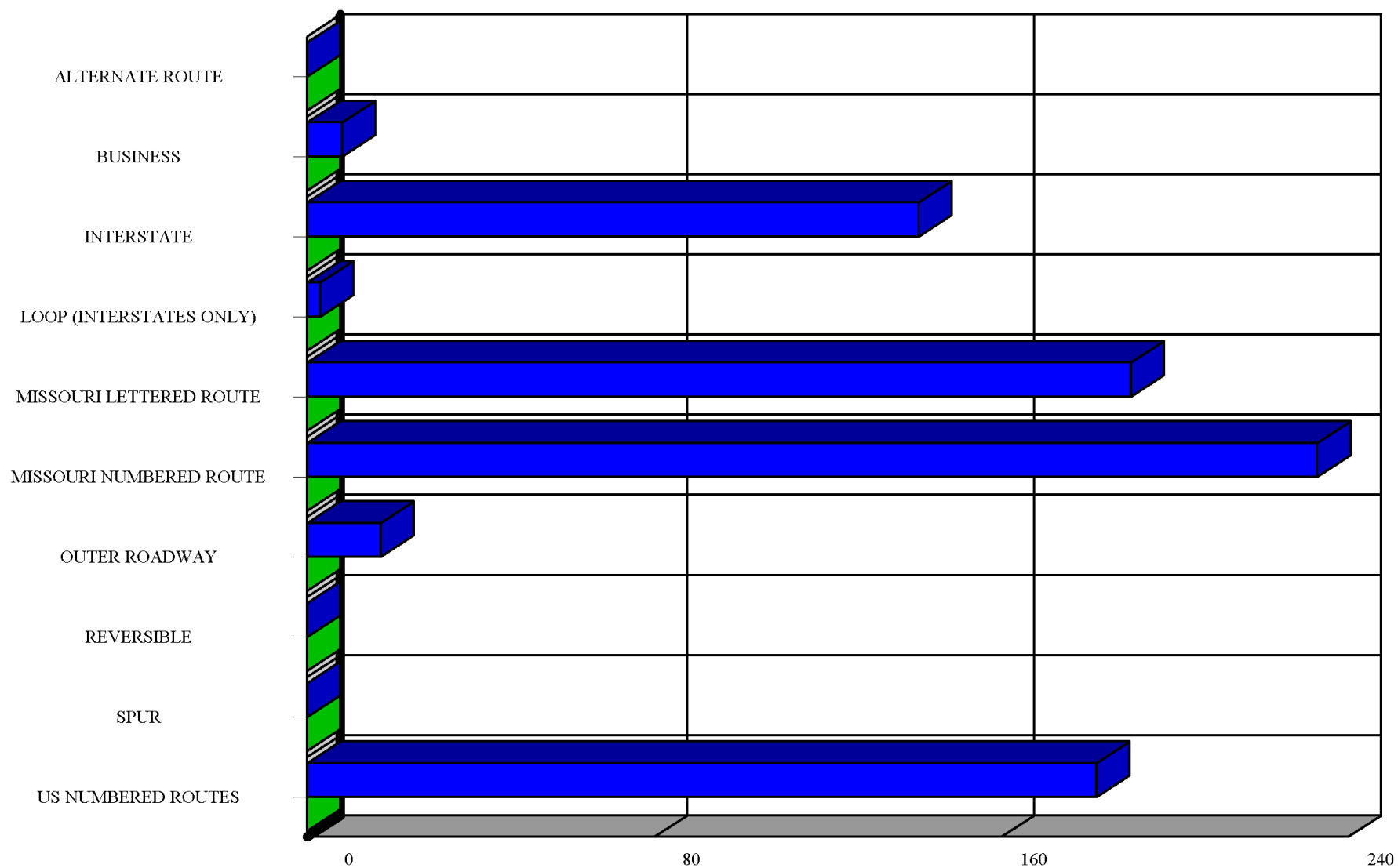
Route Marking Designation	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ALTERNATE ROUTE	0	0	0	0	0	0
BUSINESS	8	8	824	1,258	2,216	3,048
INTERSTATE	141	166	4,901	7,351	15,101	20,143
LOOP (INTERSTATES ONLY)	3	3	247	372	615	865
MISSOURI LETTERED ROUTE	190	213	5,172	7,640	9,814	15,176
MISSOURI NUMBERED ROUTE	233	264	8,453	13,009	21,290	29,976
OUTER ROADWAY	17	18	509	773	1,418	1,944
REVERSIBLE	0	0	0	0	0	0
SPUR	0	0	35	45	139	174
US NUMBERED ROUTES	182	205	5,653	9,101	14,040	19,875
Totals	774	877	25,794	39,549	64,633	91,201



Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

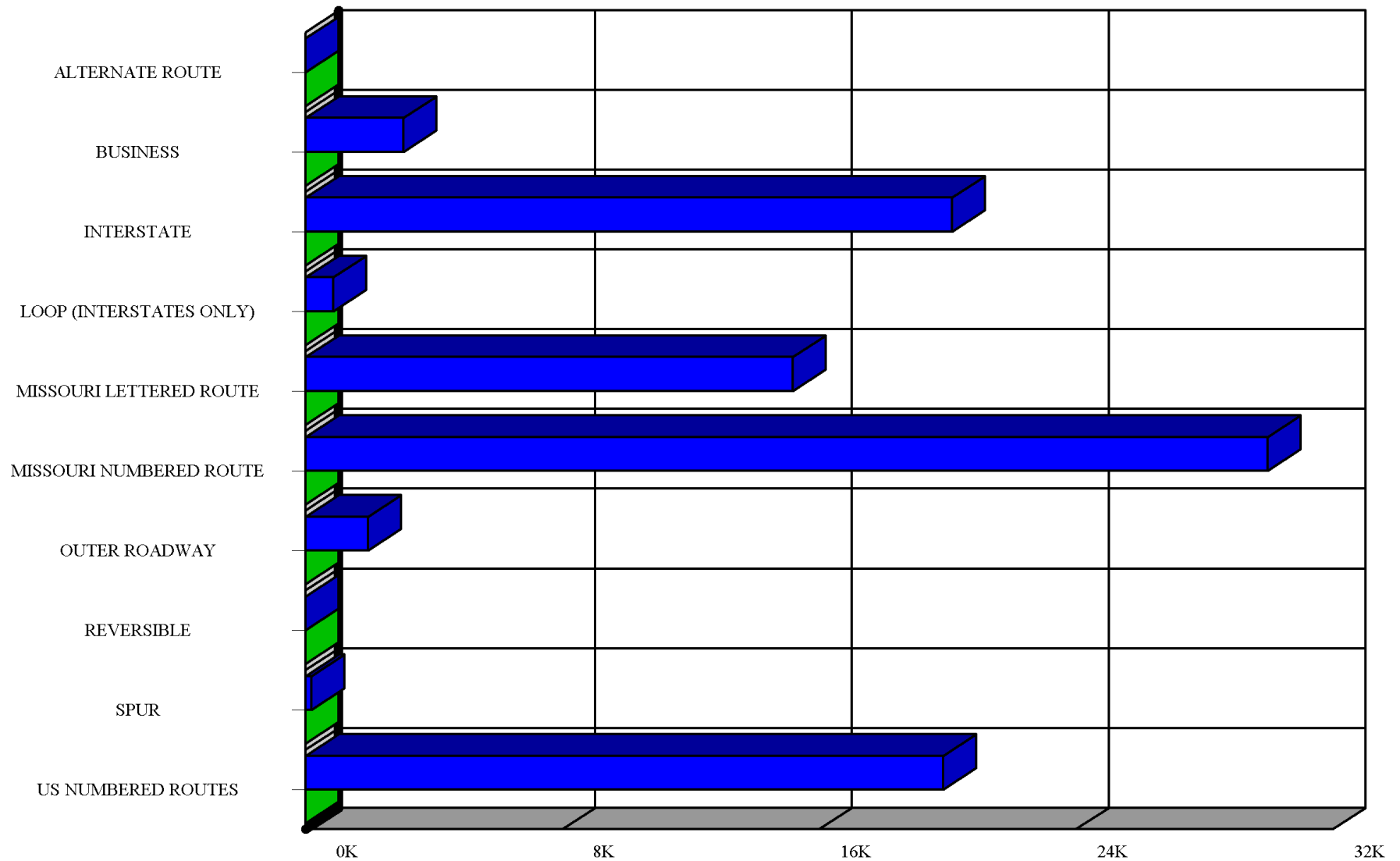
Fatal Accidents by Route Marking Designation 774 Fatal Accidents





Missouri Department of Transportation
Transportation Planning
Accidents by Route Marking Designation
91201 Total Accidents

Date: 6/27/2005



Chapter 1-F : ACCIDENTS BY DRIVER'S AGE

This section examines driver age in relation to accident involvement. The total number of drivers by age group consists of individuals holding a valid operators or chauffeurs license in the state of Missouri.



Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

2004 Accident Statistics by Drivers Age

Driver Age Group	Driver Totals	% of Total Drivers	# Drivers In Accidents	% Drivers Involved in Accidents
16 - 20	297695	6.76%	23,573	14.48%
21 - 25	398440	9.05%	21,509	13.22%
26 - 30	382158	8.68%	15,556	9.56%
31 - 35	399645	9.08%	14,628	8.99%
36 - 40	402589	9.15%	14,127	8.68%
41 - 45	461318	10.48%	15,196	9.34%
46 - 50	438571	9.97%	13,268	8.15%
51-55	378183	8.59%	10,781	6.62%
56 - 60	318501	7.24%	8,296	5.10%
61 - 65	251900	5.72%	5,811	3.57%
66 - 70	196967	4.48%	4,127	2.54%
71 & Over	473923	10.77%	9,697	5.96%
Not Stated or Unknown	1194	0.03%	6,188	3.80%



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Drivers Age**

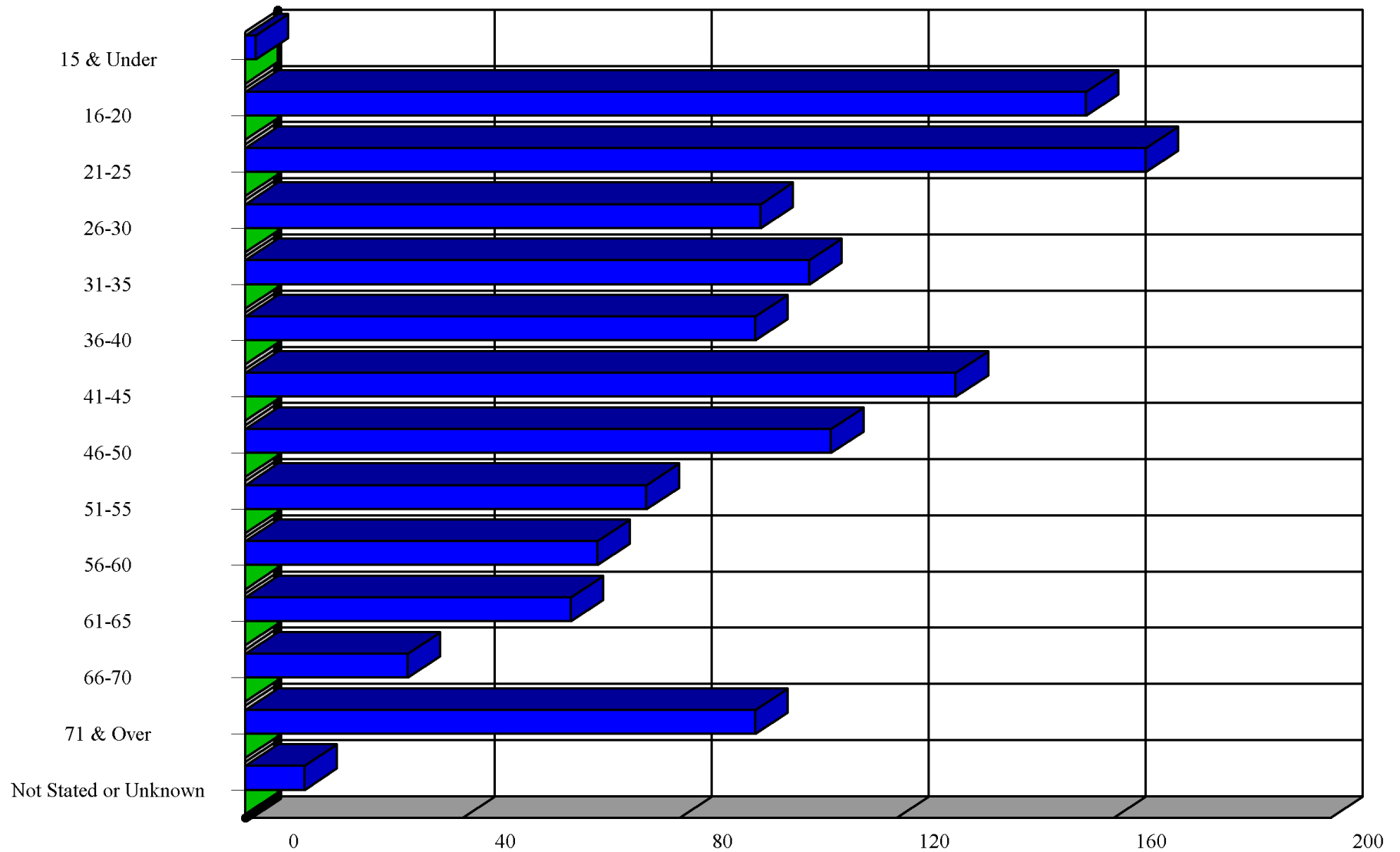
Date: 6/27/2005

Driver Age Group	DRIVERS INVOLVED IN			
	Fatal Accidents	Injury Accidents	PDO Accidents	Total Accidents
15 & Under	2	82	140	224
16-20	155	7,121	16,297	23,573
21-25	166	6,054	15,289	21,509
26-30	95	4,510	10,951	15,556
31-35	104	4,097	10,427	14,628
36-40	94	3,975	10,058	14,127
41-45	131	4,268	10,797	15,196
46-50	108	3,784	9,376	13,268
51-55	74	3,061	7,646	10,781
56-60	65	2,332	5,899	8,296
61-65	60	1,626	4,125	5,811
66-70	30	1,220	2,877	4,127
71 & Over	94	2,468	7,135	9,697
Not Stated or Unknown	11	1,056	5,121	6,188
TOTALS	1,189	45,654	116,138	162,981



Missouri Department of Transportation
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Fatal Accidents by Drivers Age
1193 Drivers Involved in 774 Accidents

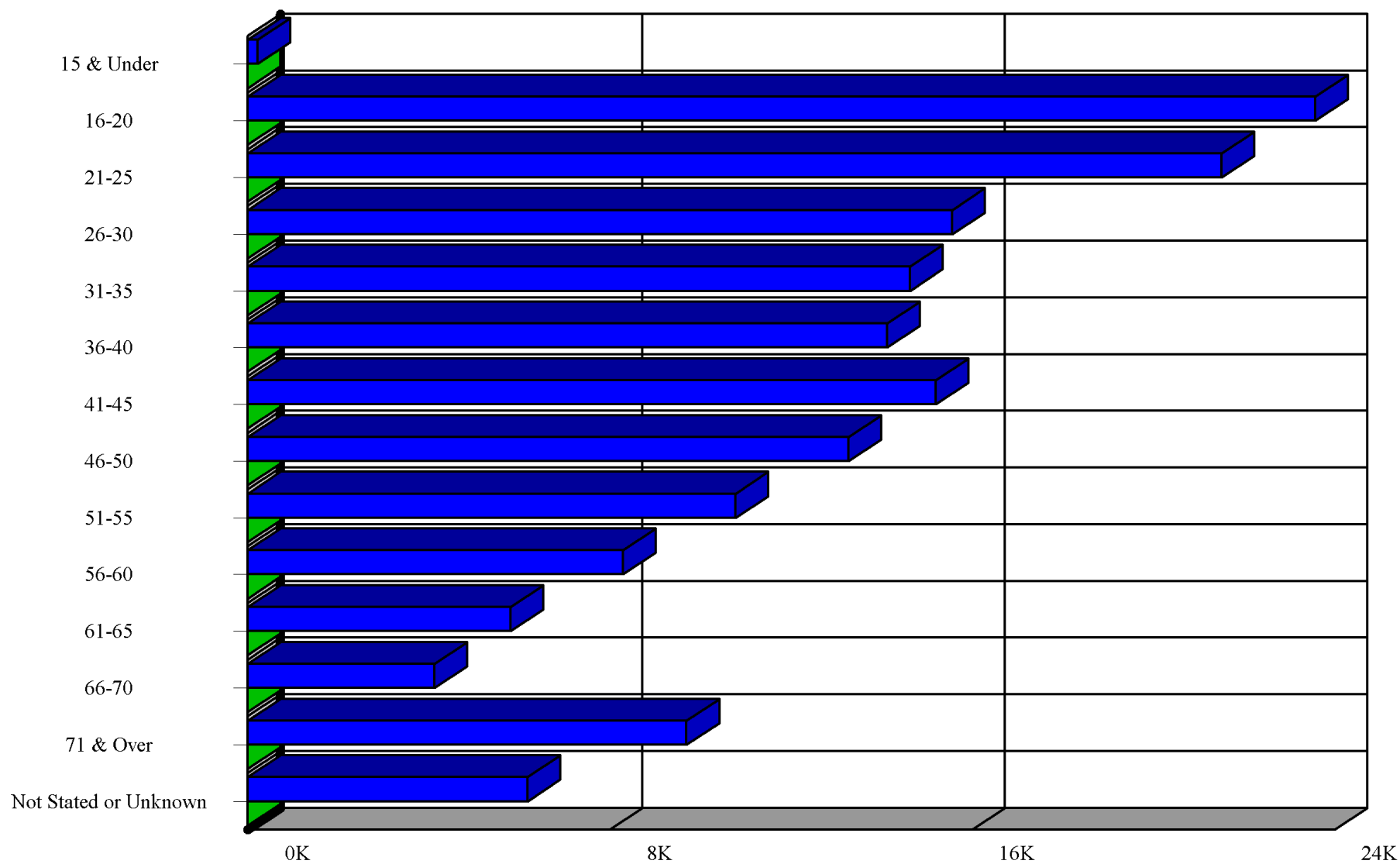
Date: 6/27/2005





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Total Accidents by Drivers Age
162981 Drivers Involved in 91201 Total Accidents

Date: 6/27/2005



Chapter 1-G : ACCIDENTS BY HOUR, DAY AND MONTH

The hour of 3:00 p.m. to 4:00 p.m. was the hour of highest percentage of total accidents. The hour of 4:00 p.m. to 5:00 p.m. was the hour of the highest percentage of fatal accidents during 2004.

Friday was the day with the largest percentage of fatal accidents at 17.96%, and also accounted for the highest percentage of total accidents at 17.86%.

June had the largest number of fatal accidents, October had the largest number of injury accidents, and November had the largest number of total accidents in 2004.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Time of Day**

Date: 6/27/2005

Time of Day	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
12:00M - 12:59 AM	35	39	487	721	919	1,441
1:00 - 1:59 AM	26	31	515	728	848	1,389
2:00 - 2:59 AM	24	24	378	530	648	1,050
3:00 - 3:59 AM	17	17	286	408	511	814
4:00 - 4:59 AM	16	16	261	348	541	818
5:00 - 5:59 AM	29	31	408	550	944	1,381
6:00 - 6:59 AM	25	29	759	1,051	1,984	2,768
7:00 - 7:59 AM	26	30	1,374	1,957	3,812	5,212
8:00 - 8:59 AM	23	26	1,102	1,580	3,078	4,203
9:00 - 9:59 AM	26	27	976	1,469	2,517	3,519
10:00 - 10:59 AM	30	32	1,122	1,737	2,786	3,938
11:00 - 11:59 AM	33	43	1,295	2,077	3,416	4,744
12:00N - 12:59 PM	32	35	1,528	2,443	3,981	5,541
1:00 - 1:59 PM	39	45	1,516	2,352	3,752	5,307
2:00 - 2:59 PM	41	45	1,687	2,622	4,243	5,971
3:00 - 3:59 PM	42	49	2,299	3,607	5,811	8,152
4:00 - 4:59 PM	50	60	2,091	3,284	5,518	7,659
5:00 - 5:59 PM	48	52	2,154	3,335	5,750	7,952
6:00 - 6:59 PM	41	47	1,464	2,345	3,798	5,303
7:00 - 7:59 PM	34	40	994	1,657	2,558	3,586
8:00 - 8:59 PM	32	38	873	1,370	2,104	3,009
9:00 - 9:59 PM	31	33	855	1,336	2,009	2,895
10:00 - 10:59 PM	42	52	716	1,115	1,542	2,300
11:00 - 11:59 PM	28	32	591	839	1,227	1,846
NOT STATED	4	4	63	88	336	403
Totals	774	877	25,794	39,549	64,633	91,201



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Day of Week**

Date: 6/27/2005

Day of Week	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
MONDAY	110	116	3,654	5,412	9,364	13,128
TUESDAY	71	81	3,638	5,362	9,687	13,396
WEDNESDAY	119	131	3,665	5,513	10,059	13,843
THURSDAY	99	114	3,896	5,795	10,184	14,179
FRIDAY	139	156	4,537	7,051	11,610	16,286
SATURDAY	115	139	3,578	5,815	7,831	11,524
SUNDAY	121	140	2,826	4,601	5,898	8,845
UNKNOWN	0	0	0	0	0	0
Totals	774	877	25,794	39,549	64,633	91,201



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Month**

Date: 6/27/2005

Month	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
JANUARY	52	61	2,051	3,074	5,363	7,466
FEBRUARY	50	55	1,833	2,735	4,706	6,589
MARCH	60	73	1,934	2,920	4,825	6,819
APRIL	64	71	2,229	3,401	5,231	7,524
MAY	67	79	2,322	3,667	5,559	7,948
JUNE	81	93	2,195	3,465	5,208	7,484
JULY	68	77	2,341	3,708	5,511	7,920
AUGUST	67	81	2,173	3,405	5,314	7,554
SEPTEMBER	77	81	2,133	3,274	4,908	7,118
OCTOBER	61	69	2,399	3,636	6,234	8,694
NOVEMBER	64	67	2,213	3,322	6,459	8,736
DECEMBER	63	70	1,971	2,942	5,315	7,349
Totals	774	877	25,794	39,549	64,633	91,201



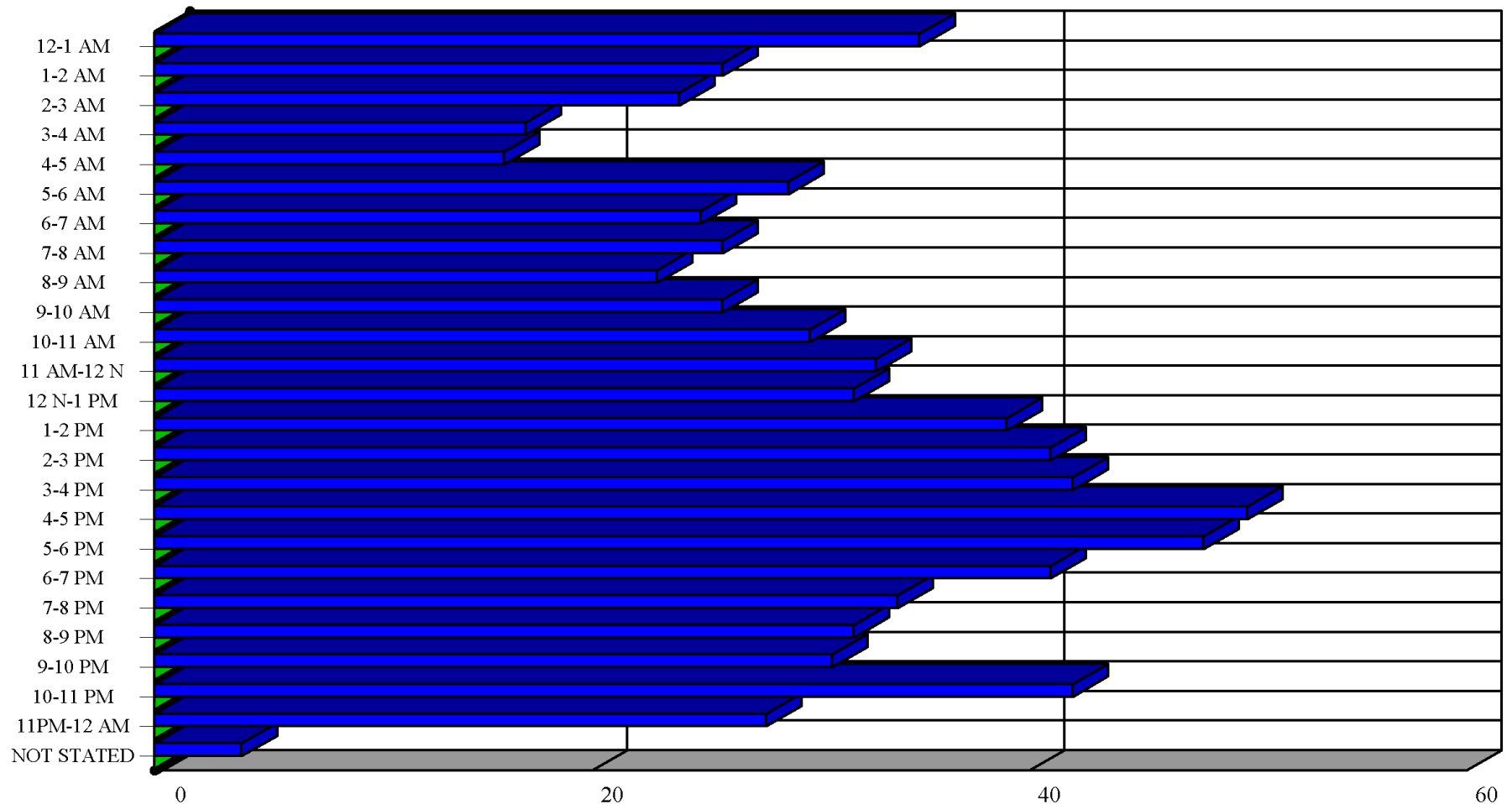
Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Fatal Accidents by Time of Day

774 Fatal Accidents

12-1 AM	1-2 AM	2-3 AM	3-4 AM	4-5 AM	5-6 AM	6-7 AM	7-8 AM	8-9 AM	9-10 AM	10-11 AM	11 AM-12 N	12 N-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM	6-7 PM	7-8 PM	8-9 PM	9-10 PM	10-11 PM	11PM-12 AM	NOT STATED
35	26	24	17	16	29	25	26	23	26	30	33	32	39	41	42	50	48	41	34	32	31	42	28	4





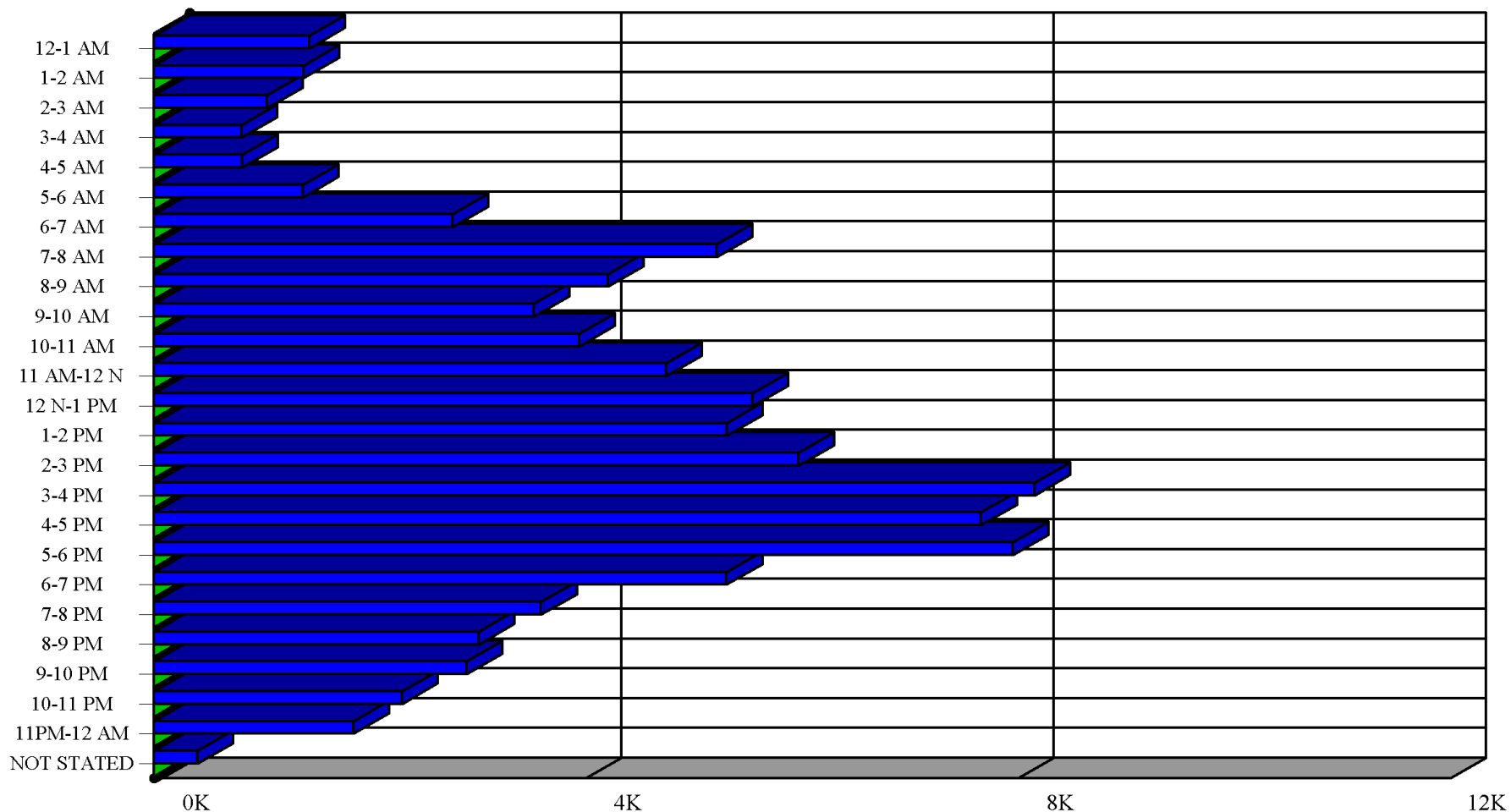
Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Total Accidents by Time of Day

91201 Total Accidents

12-1 AM	1-2 AM	2-3 AM	3-4 AM	4-5 AM	5-6 AM	6-7 AM	7-8 AM	8-9 AM	9-10 AM	10-11 AM	11 AM-12 N	12 N-1 PM	1-2 PM	2-3 PM	3-4 PM	4-5 PM	5-6 PM	6-7 PM	7-8 PM	8-9 PM	9-10 PM	10-11 PM	11PM-12 AM	NOT STATED
1441	1389	1050	814	818	1381	2768	5212	4203	3519	3938	4744	5541	5307	5971	8152	7659	7952	5303	3586	3009	2895	2300	1846	403





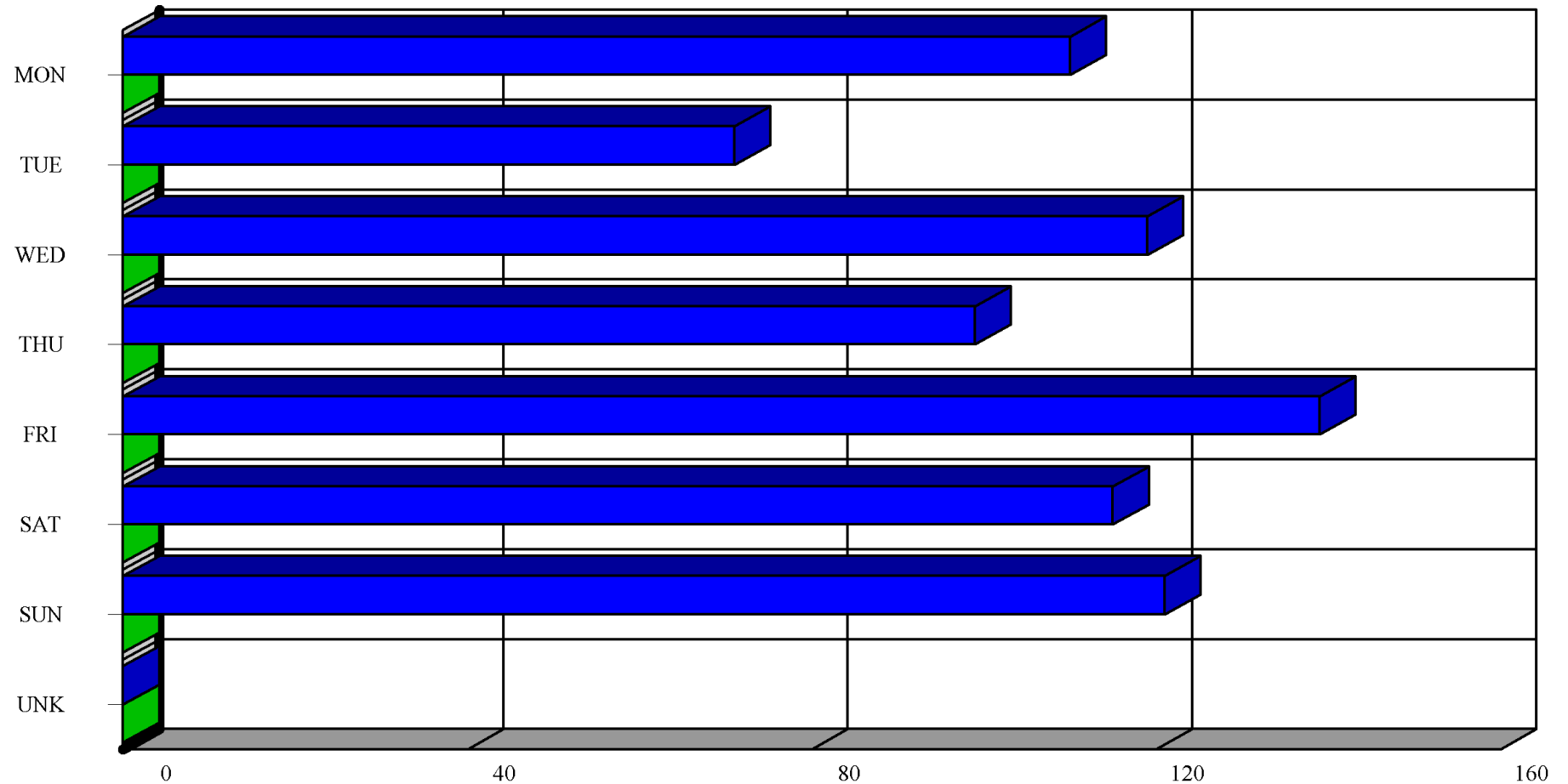
Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Fatal Accidents by Day of Week

774 Fatal Accidents

MON	TUE	WED	THU	FRI	SAT	SUN	UNK
110	71	119	99	139	115	121	0





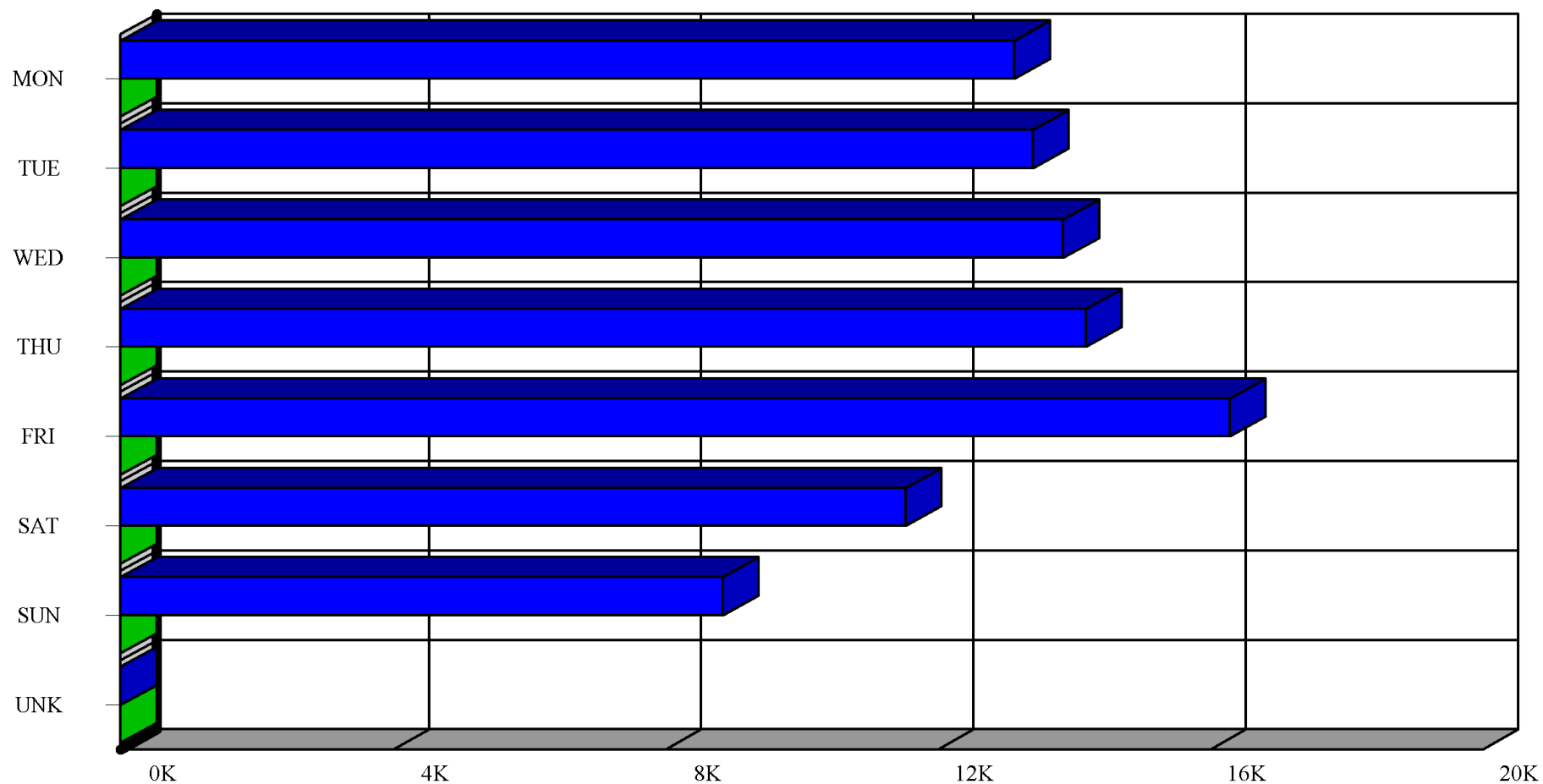
Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Total Accidents by Day of Week

91201 Total Accidents

MON	TUE	WED	THU	FRI	SAT	SUN	UNK
13128	13396	13843	14179	16286	11524	8845	0



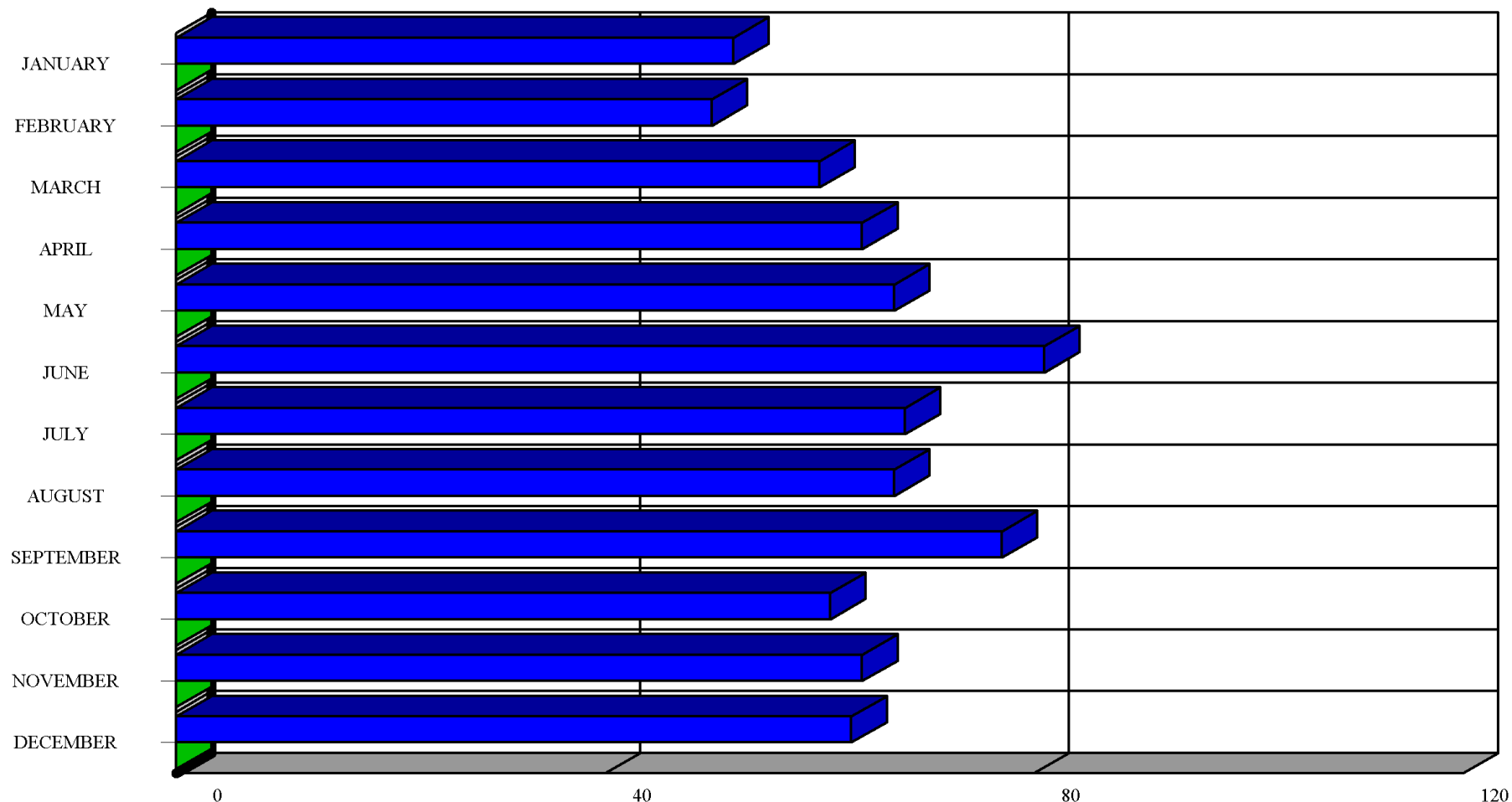


Missouri Department of Transportation Transportation Planning Fatal Accidents by Month

Date: 6/27/2005

774 Fatal Accidents

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
52	50	60	64	67	81	68	67	77	61	64	63



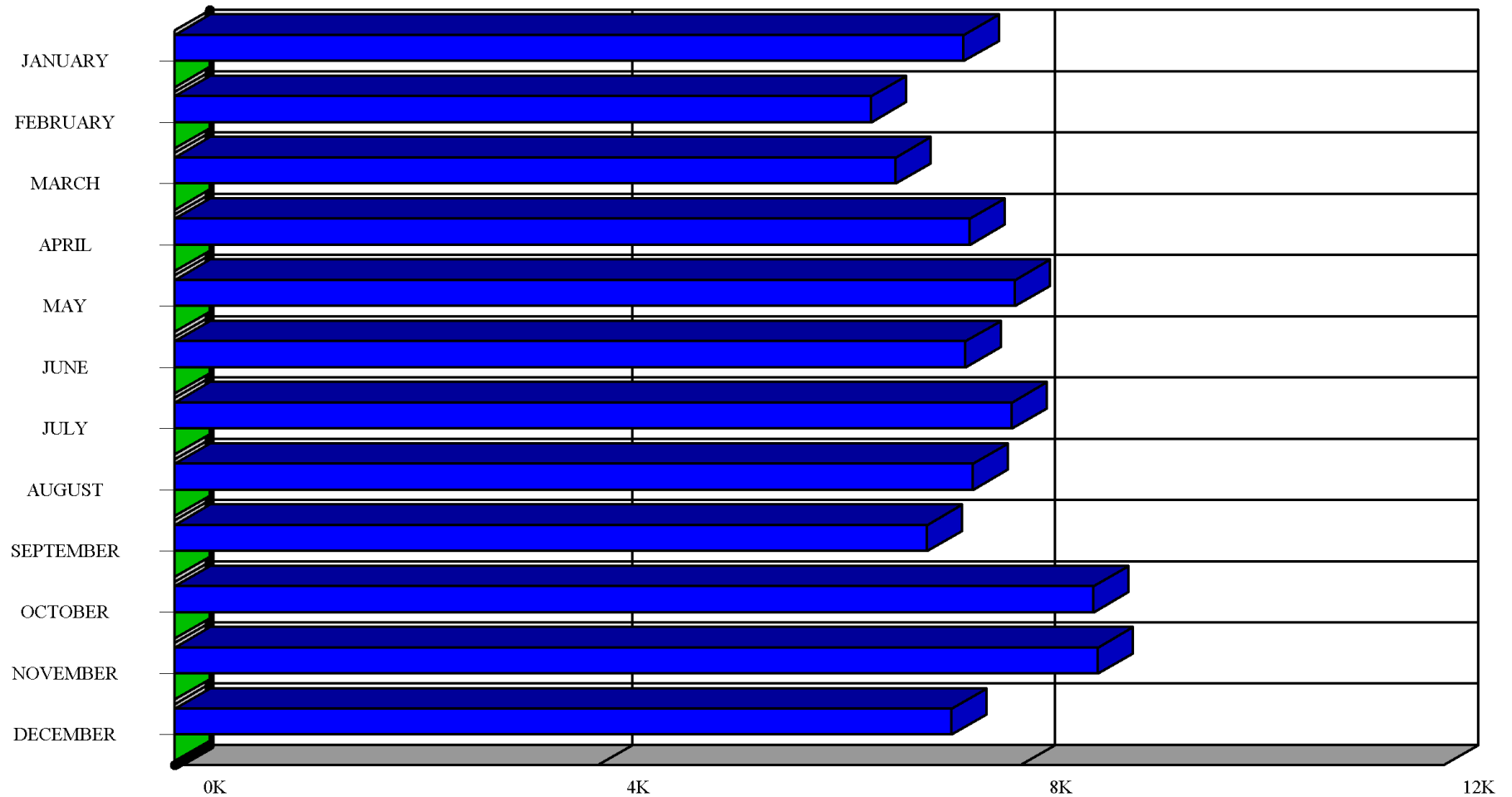


**Missouri Department of Transportation
Transportation Planning
Total Accidents by Month**

Date: 6/27/2005

91201 Total Accidents

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
7466	6589	6819	7524	7948	7484	7920	7554	7118	8694	8736	7349	



Chapter 1-H : ACCIDENTS BY WEATHER CONDITION

The examination of weather conditions reveals that, in 2004, a majority of fatal, injury and total accidents occurred under ideal weather conditions.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Weather Condition**

Date: 6/27/2005

Weather Condition	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
CLEAR	444	494	14,835	22,915	35,900	51,179
CLOUDY	248	290	7,831	11,954	17,938	26,017
FOG/MIST	5	5	228	347	458	691
FREEZING	2	2	115	160	287	404
NOT STATED	4	4	114	181	2,896	3,014
RAIN	54	64	2,221	3,343	5,777	8,052
SLEET	1	1	97	136	214	312
SNOW	16	17	353	513	1,163	1,532
Totals	774	877	25,794	39,549	64,633	91,201



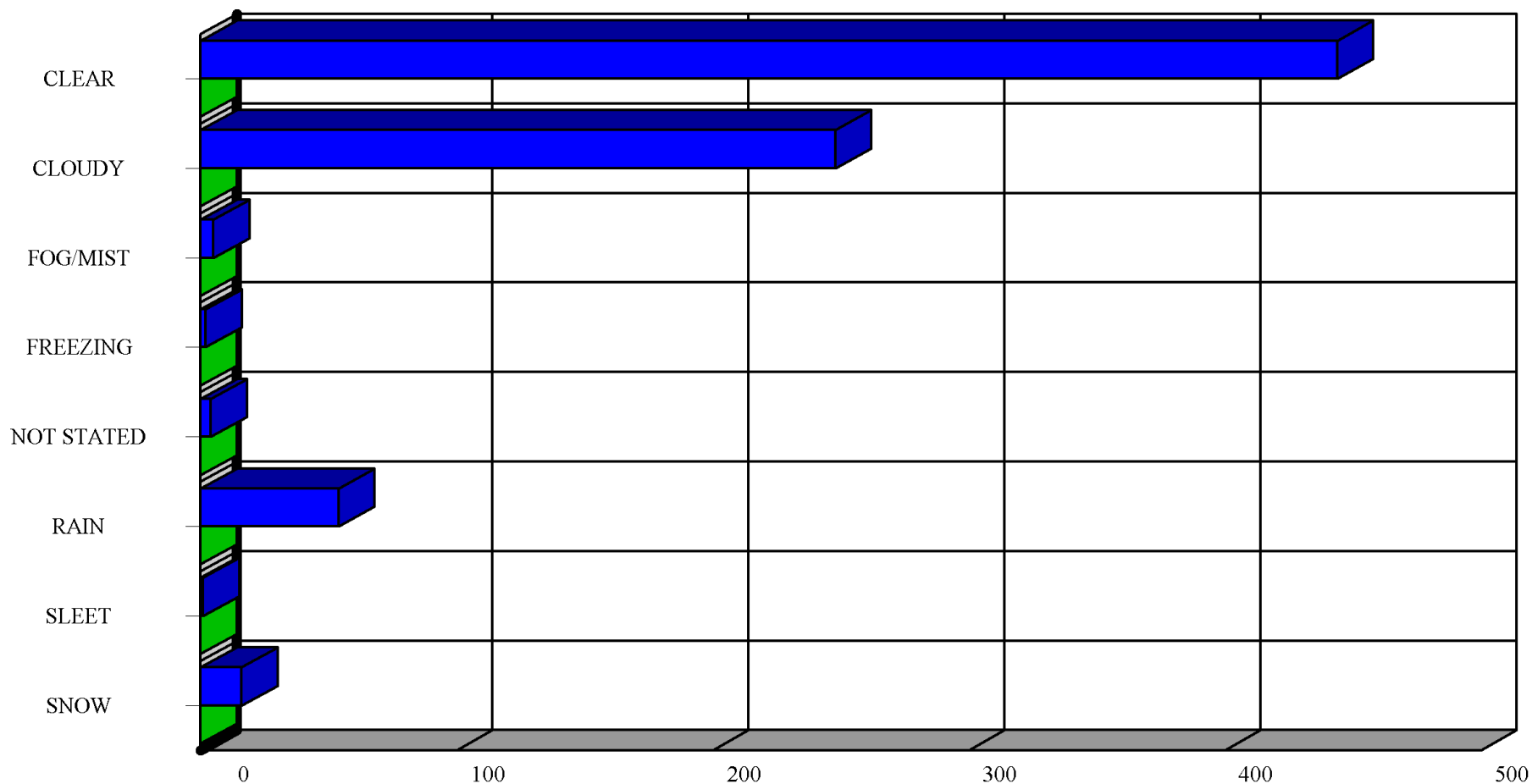
Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Fatal Accidents by Weather Condition

774 Fatal Accidents

CLEAR	CLOUDY	FOG/MIST	FREEZING	NOT STATED	RAIN	SLEET	SNOW
444	248	5	2	4	54	1	16



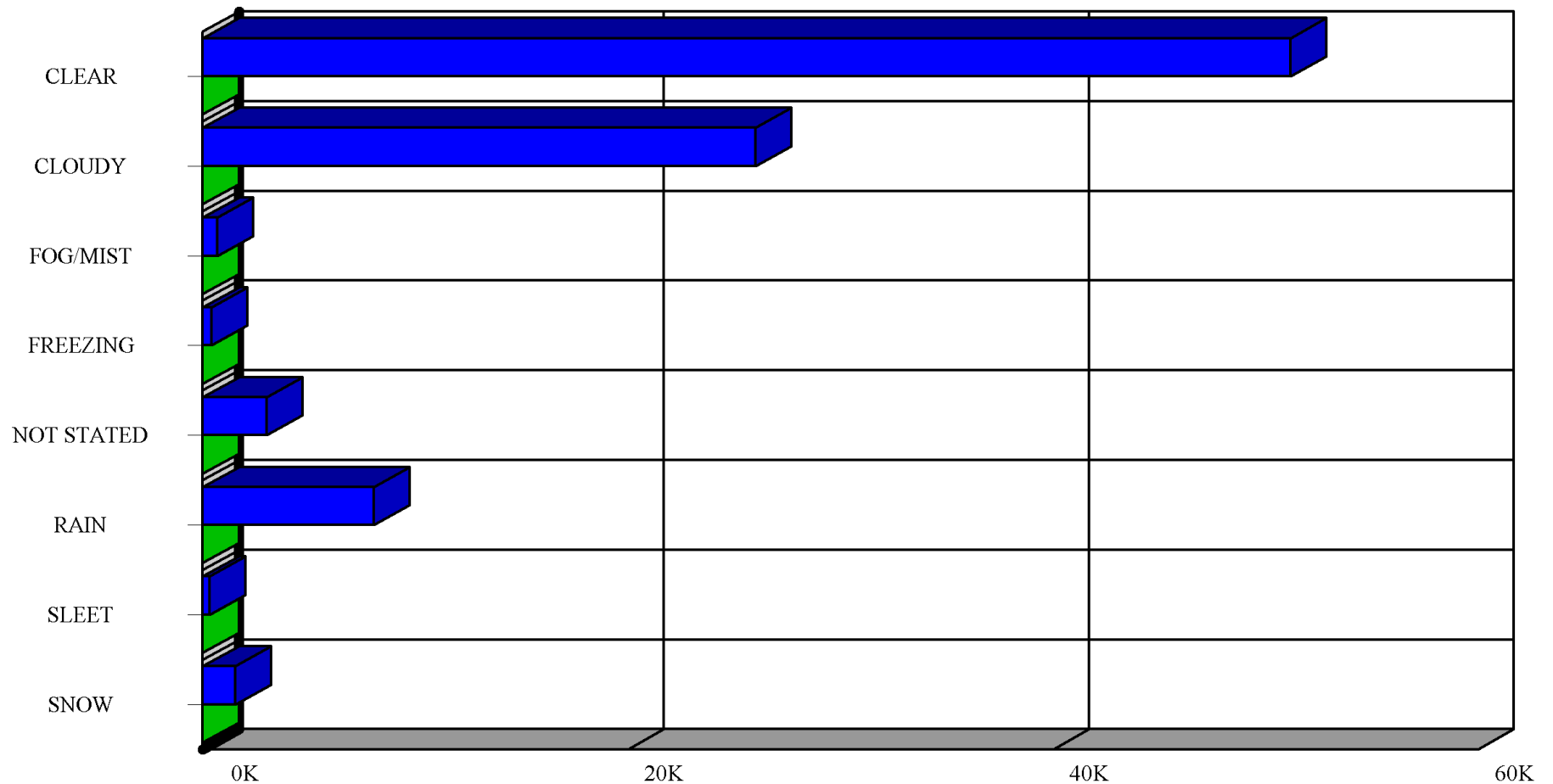
**Missouri Department of Transportation
Transportation Planning**

Date: 6/27/2005

Total Accidents by Weather Condition

91201 Total Accidents

CLEAR	CLOUDY	FOG/MIST	FREEZING	NOT STATED	RAIN	SLEET	SNOW
51179	26017	691	404	3014	8052	312	1532



Chapter 1-I : ACCIDENTS BY VEHICLE TYPE

This section reviews the types of vehicles involved in accidents. The totals shown represent all vehicles as a separate accident; therefore, vehicle totals will not agree with the accident totals.

In 2004, the ratio of passenger cars involved in fatal accidents to those involved in all accidents was 1:138.09. For motorcycles, this ratio was 1:28.13.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Vehicle Type**

Date: 6/27/2005

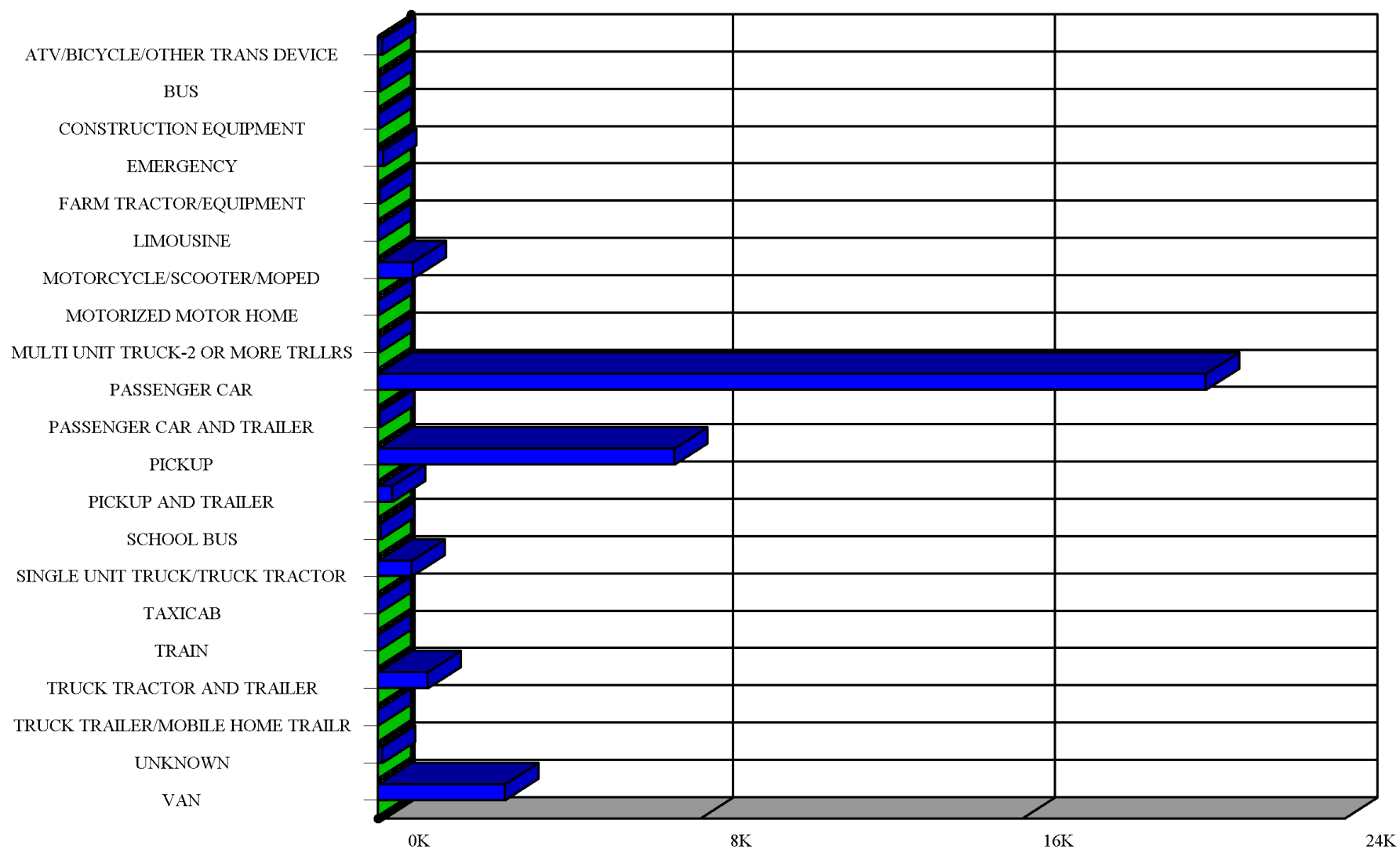
Vehicle Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
ATV/BICYCLE/OTHER TRANS DEVICE	6	6	114	174	450	570
BUS	1	2	53	156	125	179
CONSTRUCTION EQUIPMENT	0	0	27	41	70	97
EMERGENCY	3	3	135	221	577	715
FARM TRACTOR/EQUIPMENT	2	2	49	66	105	156
LIMOUSINE	0	0	7	13	15	22
MOTORCYCLE/SCOOTER/MOPED	40	40	877	1,062	208	1,125
MOTORIZED MOTOR HOME	1	1	26	38	118	145
MULTI UNIT TRUCK-2 OR MORE TRLLRS	3	3	32	51	170	205
PASSENGER CAR	534	618	20,566	32,230	52,639	73,739
PASSENGER CAR AND TRAILER	3	3	57	103	222	282
PICKUP	228	254	7,370	11,547	18,899	26,497
PICKUP AND TRAILER	13	15	353	598	1,181	1,547
SCHOOL BUS	3	3	75	261	212	290
SINGLE UNIT TRUCK/TRUCK TRACTOR	44	52	837	1,204	2,668	3,549
TAXICAB	0	0	0	0	0	0
TRAIN	4	5	2	4	9	15
TRUCK TRACTOR AND TRAILER	94	111	1,237	1,815	4,133	5,464
TRUCK TRAILER/MOBILE HOME TRAILR	0	0	0	0	0	0
UNKNOWN	3	3	110	154	651	764
VAN	81	101	3,163	5,461	8,052	11,296
Totals	1,063	1,222	35,090	55,199	90,504	126,657



Missouri Department of Transportation Transportation Planning Injury Accidents by Vehicle Type

Date: 6/27/2005

35090 Vehicles in INJURY Accidents

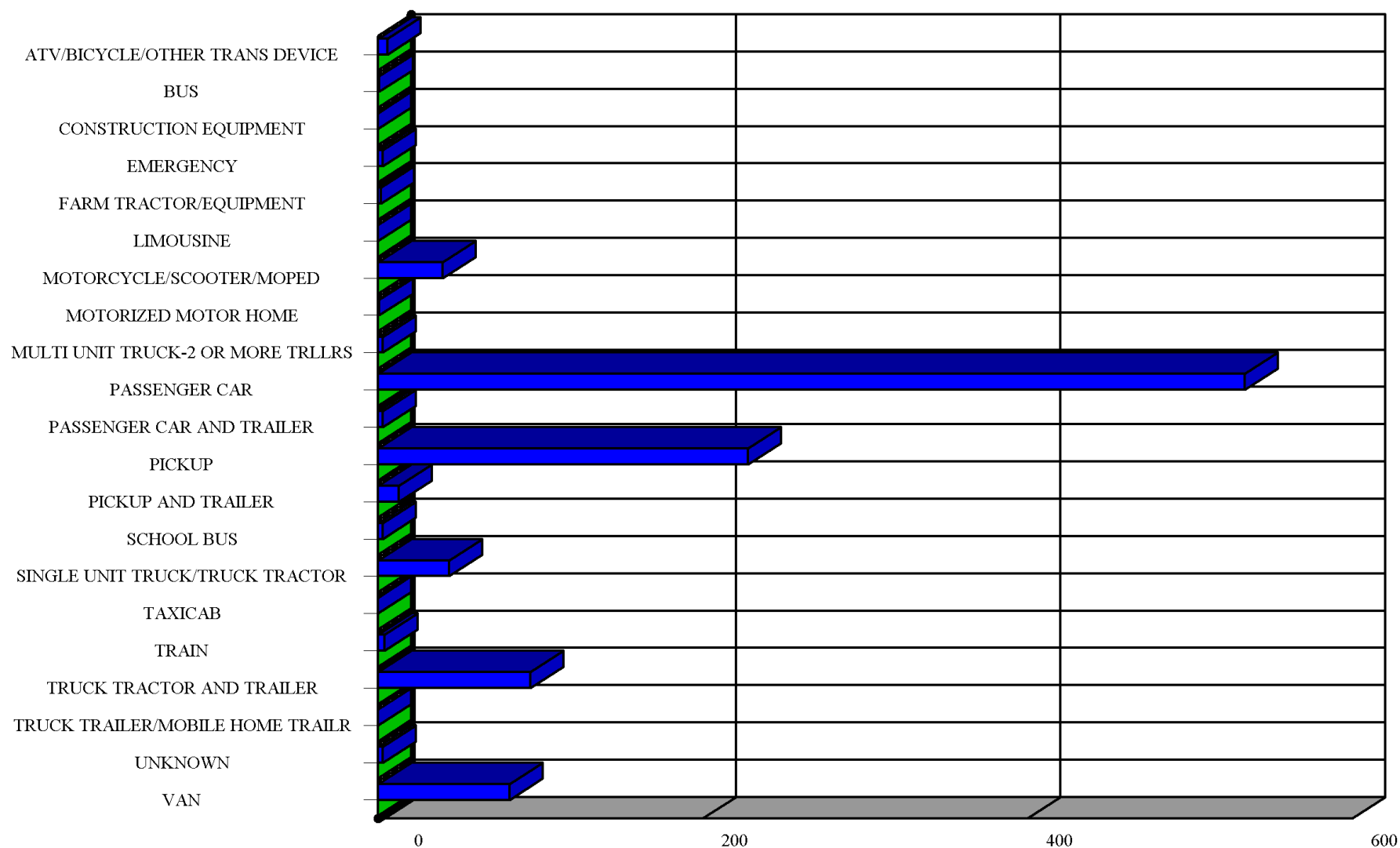




Missouri Department of Transportation
Transportation Planning
Fatal Accidents by Vehicle Type

Date: 6/27/2005

1063 Vehicles in FATAL Accidents

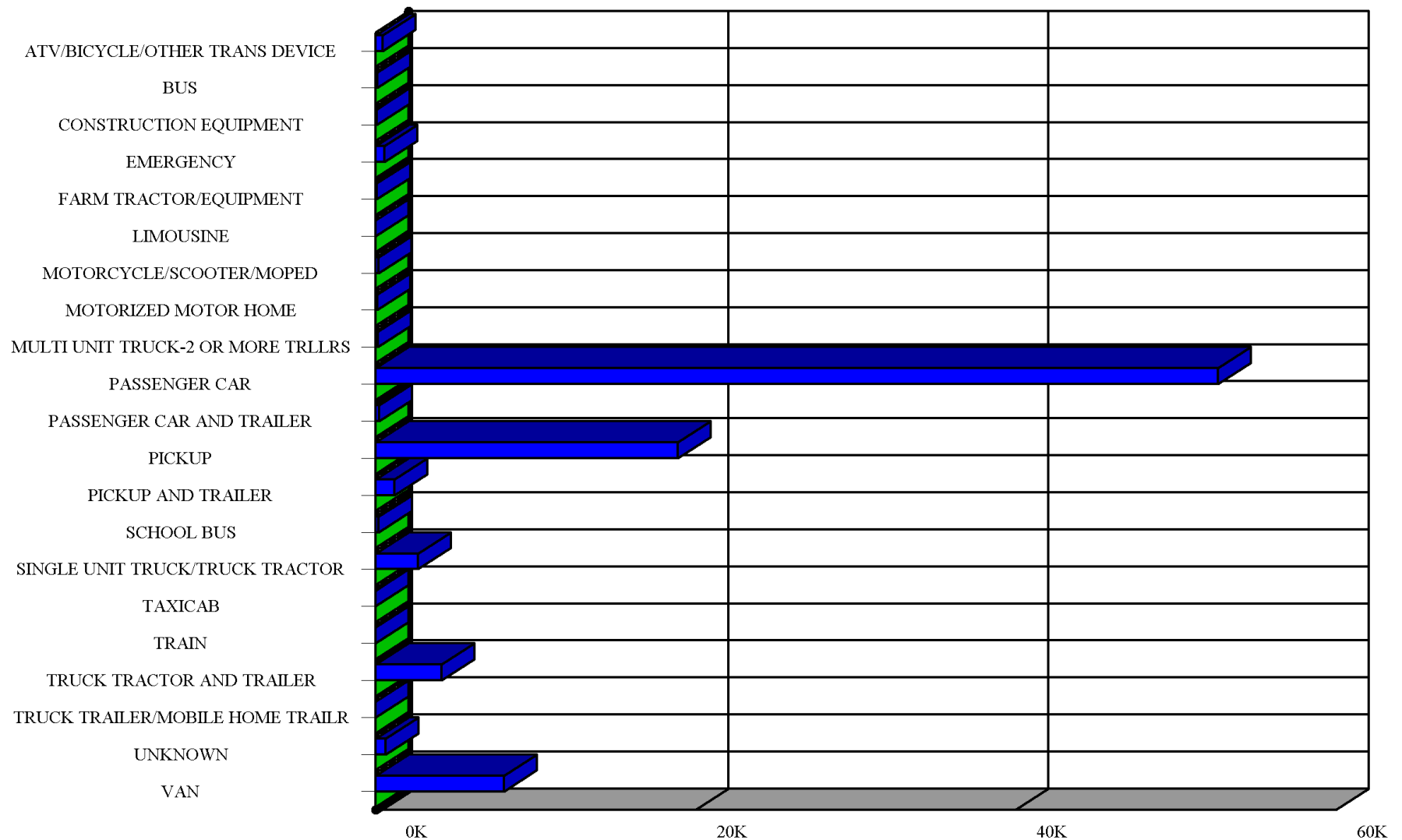




Missouri Department of Transportation
Transportation Planning
PDO Accidents by Vehicle Type

Date: 6/27/2005

90504 Vehicles in PDO Accidents

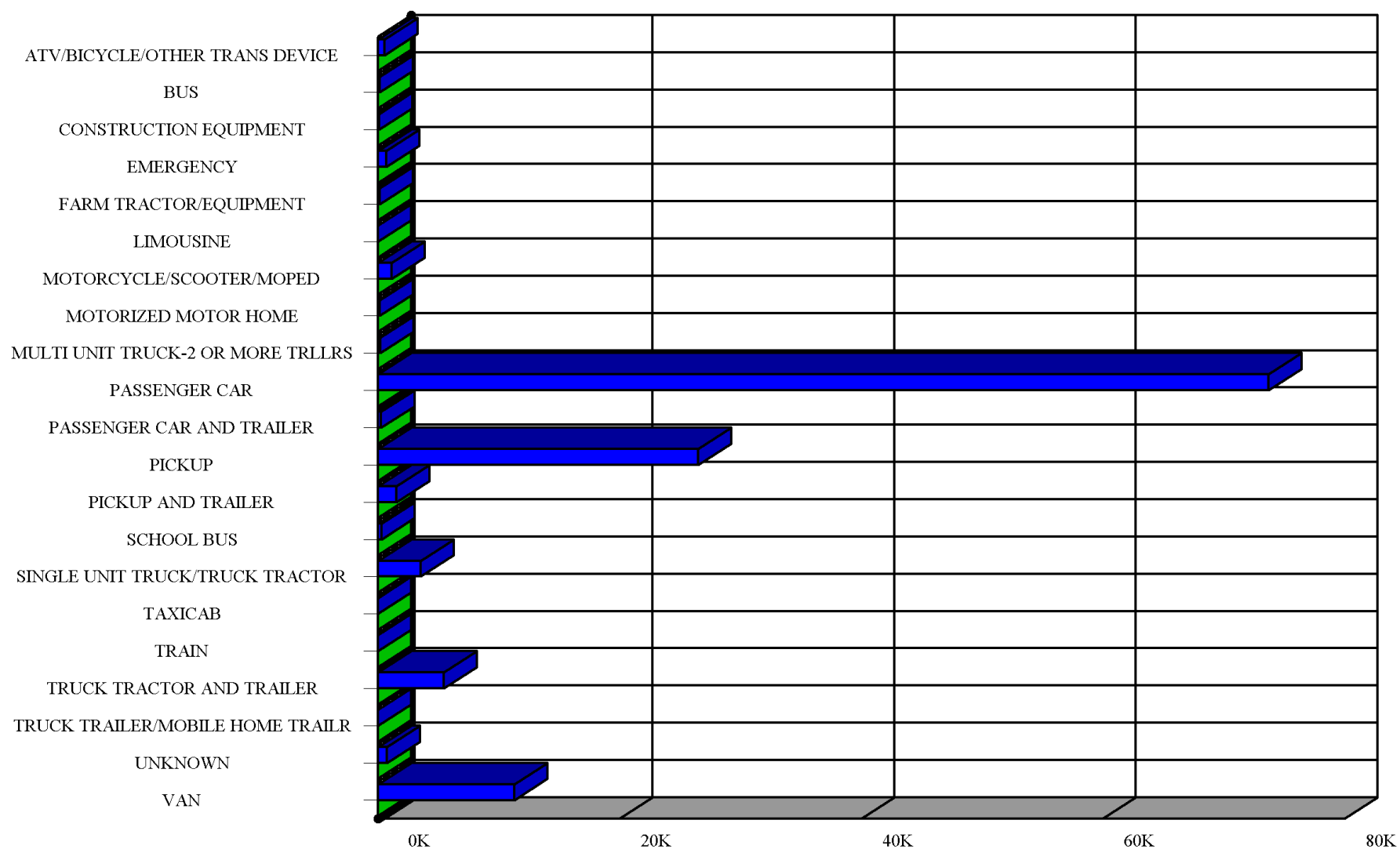




Missouri Department of Transportation
Transportation Planning
Total Accidents by Vehicle Type

Date: 6/27/2005

126657 Vehicles in Accidents



Chapter 1-J : ACCIDENTS BY LIGHT CONDITION

This section reviews the total reported accidents to determine whether they occurred during dark hours or daylight hours.

During 2004, 72.2% of the total accidents and 57.4% of the fatal accidents occurred during daylight hours.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Light Condition**

Date: 6/27/2005

Light Condition	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
DARK - NO STREET LIGHTS	283	317	4,268	6,369	8,758	13,309
DARK W/ STREET LIGHTS OFF	3	4	145	227	419	567
DARK W/ STREET LIGHTS ON	40	42	2,827	4,242	7,547	10,414
DAYLIGHT	444	510	18,325	28,365	47,067	65,836
NOT STATED/UNKNOWN	4	4	229	346	842	1,075
Totals	774	877	25,794	39,549	64,633	91,201

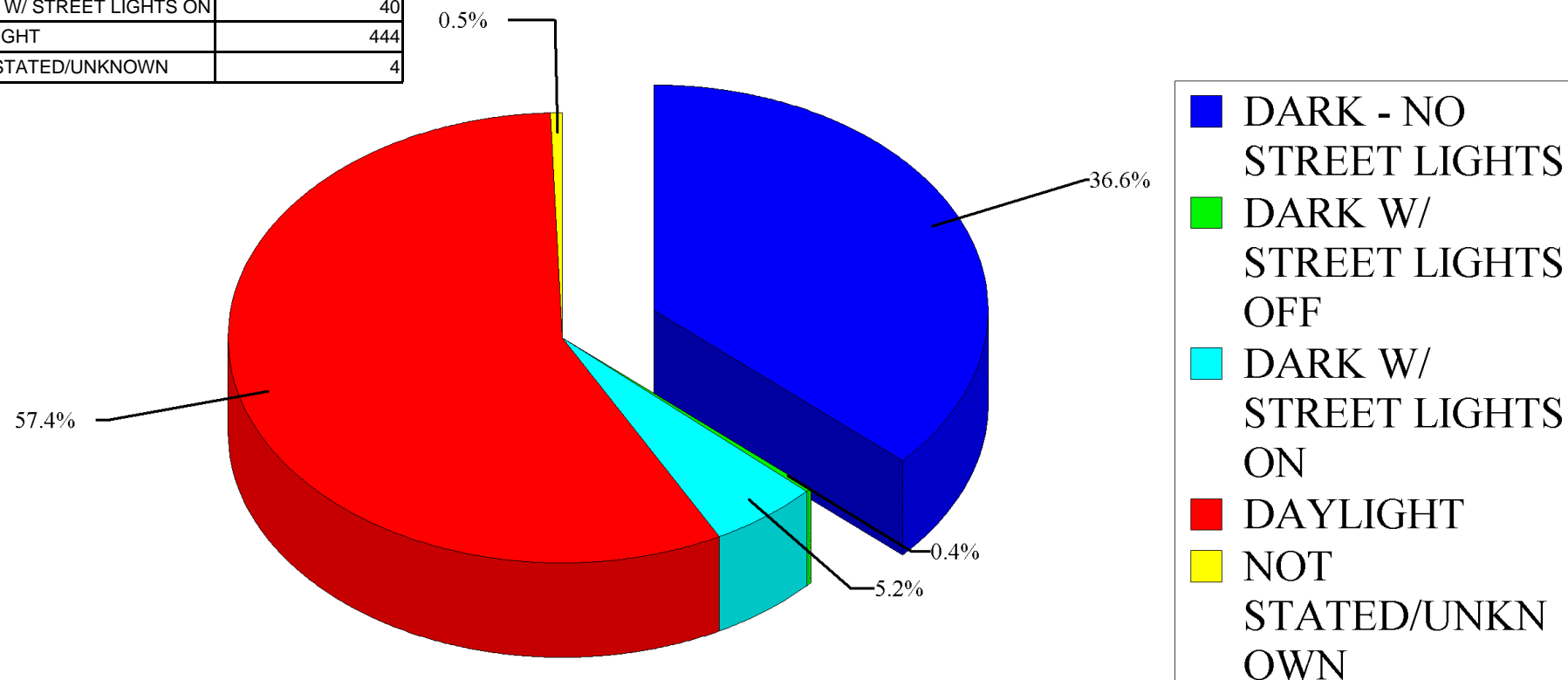


Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

2004 Fatal Accidents by Light Condition 774 Fatal Accidents

Light Condition	Total Fatal Accidents
DARK - NO STREET LIGHTS	283
DARK W/ STREET LIGHTS OFF	3
DARK W/ STREET LIGHTS ON	40
DAYLIGHT	444
NOT STATED/UNKNOWN	4



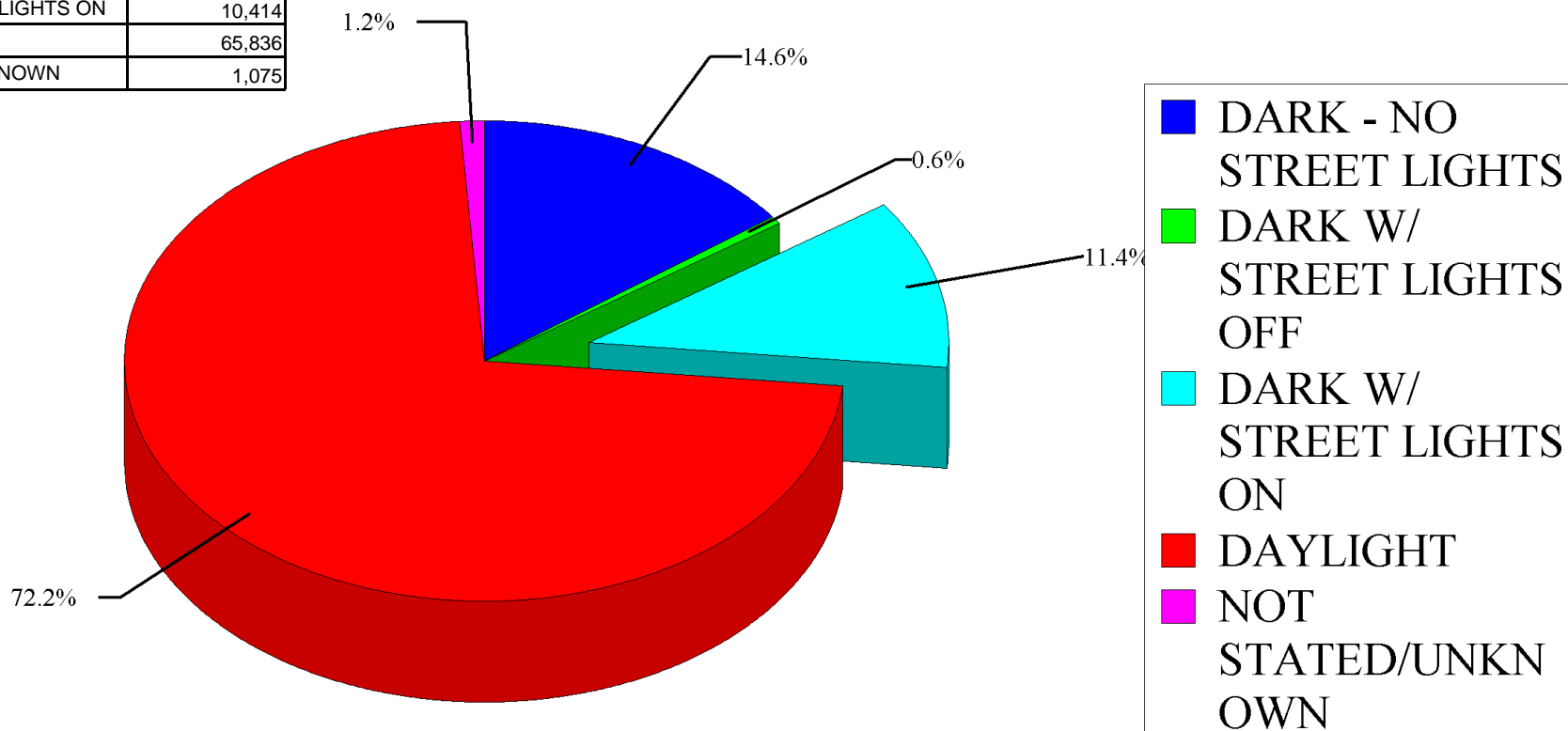


Missouri Department of Transportation
Transportation Planning
2004 Accidents by Light Condition

Date: 6/27/2005

91,201 Total Accidents

Light Condition	Total Accidents
DARK - NO STREET LIGHTS	13,309
DARK W/ STREET LIGHTS OFF	567
DARK W/ STREET LIGHTS ON	10,414
DAYLIGHT	65,836
NOT STATED/UNKNOWN	1,075



Chapter 1-K : ACCIDENTS BY FIXED OBJECT STRUCK

This section examines all accidents involving vehicle contact with a fixed object. In 2004, embankments and trees were struck most frequently as they were involved in 43.8% of the fatal fixed object accidents and 29.8% of all fixed object accidents.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Fixed Object Struck**

Date: 6/27/2005

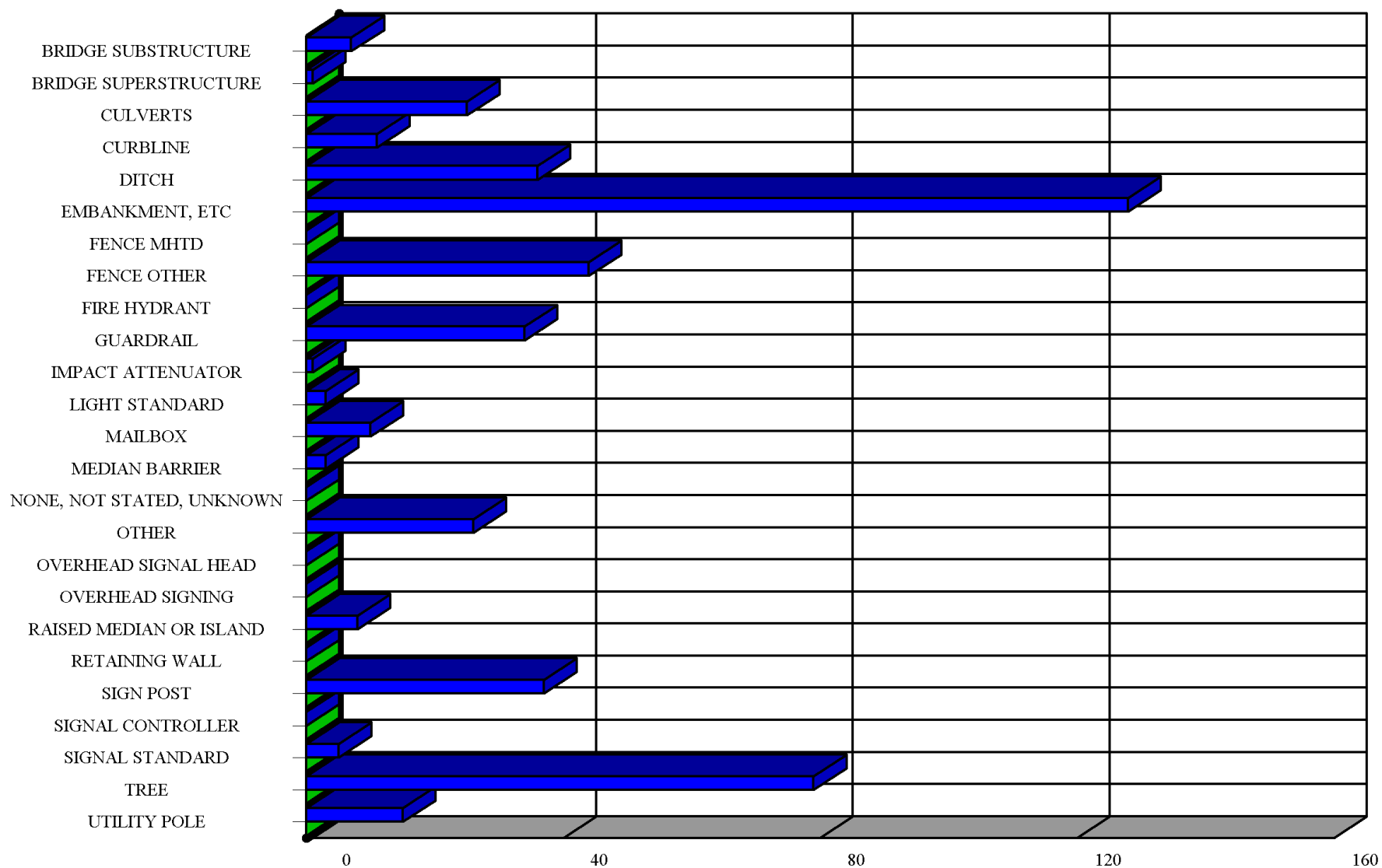
Fixed Object Struck	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
BRIDGE SUBSTRUCTURE	7	7	85	116	114	206
BRIDGE SUPERSTRUCTURE	1	1	16	17	18	35
CULVERTS	25	26	394	520	391	810
CURBLINE	11	11	137	180	388	536
DITCH	36	38	1,112	1,452	1,429	2,577
EMBANKMENT, ETC	128	144	2,336	3,147	2,029	4,493
FENCE MHTD	0	0	0	0	0	0
FENCE OTHER	44	49	774	974	1,185	2,003
FIRE HYDRANT	0	0	3	3	34	37
GUARDRAIL	34	47	760	1,000	1,438	2,232
IMPACT ATTENUATOR	1	1	13	17	43	57
LIGHT STANDARD	3	3	69	87	123	195
MAILBOX	10	11	189	243	325	524
MEDIAN BARRIER	3	3	428	559	1,030	1,461
NONE, NOT STATED, UNKNOWN	0	0	0	0	0	0
OTHER	26	27	365	468	742	1,133
OVERHEAD SIGNAL HEAD	0	0	0	0	0	0
OVERHEAD SIGNING	0	0	10	11	21	31
RAISED MEDIAN OR ISLAND	8	9	326	455	643	977
RETAINING WALL	0	0	48	59	72	120
SIGN POST	37	38	619	794	1,348	2,004
SIGNAL CONTROLLER	0	0	0	0	0	0
SIGNAL STANDARD	5	5	42	53	109	156
TREE	79	86	1,183	1,535	1,004	2,266
UTILITY POLE	15	16	360	438	448	823
Totals	473	522	9,269	12,128	12,934	22,676



Missouri Department of Transportation Transportation Planning Fatal Accidents by Fixed Object Struck

Date: 6/27/2005

473 Fatal Accidents

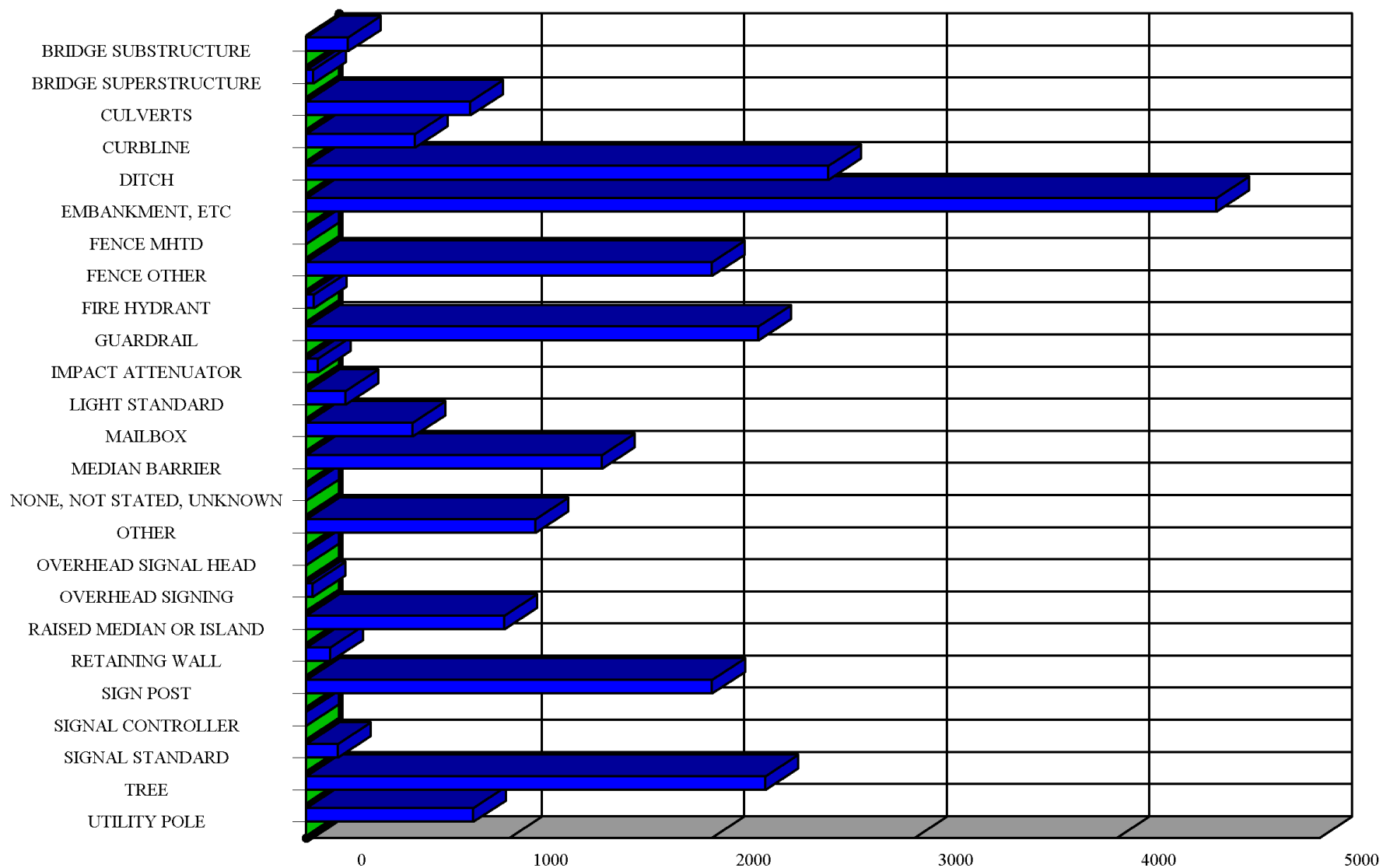




Missouri Department of Transportation
Transportation Planning
Total Accidents by Fixed Object Struck

Date: 6/27/2005

22676 Total Accidents



Chapter 1-L : ACCIDENTS BY INTERSECTION TYPE

In 2004, 40.8% of the total accidents occurring on the Missouri Highway System were at intersections with public roads or streets. These accidents resulted in 22.2% of the total fatal accidents. Interchanges represented 18.2% of the total accidents and 6.5% of fatal accidents.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Intersection Type**

Date: 6/27/2005

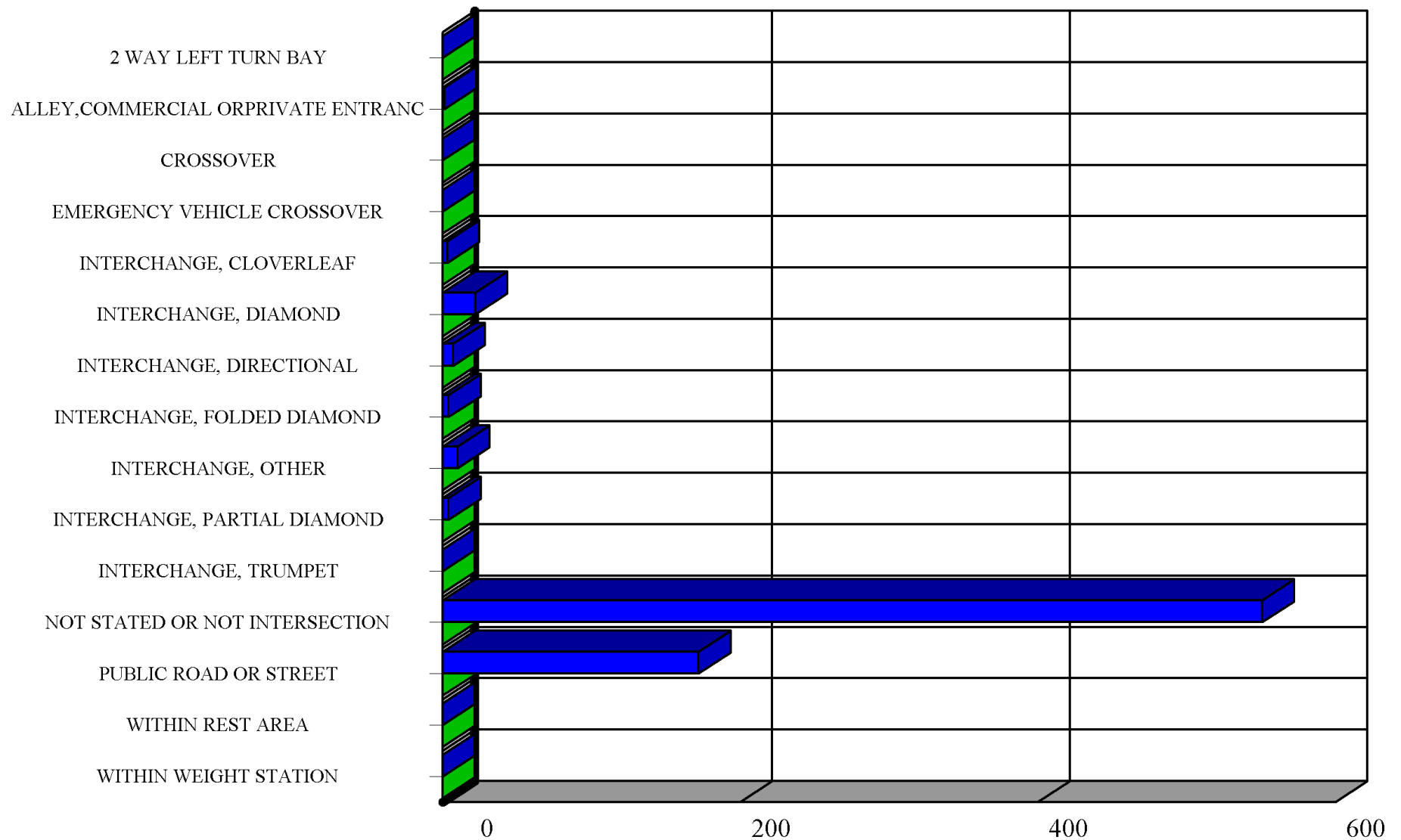
Intersection Type	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
2 WAY LEFT TURN BAY	0	0	0	0	0	0
ALLEY,COMMERCIAL ORPRIVATE ENTRANC	1	1	189	280	665	855
CROSSOVER	0	0	0	0	0	0
EMERGENCY VEHICLE CROSSOVER	0	0	0	0	0	0
INTERCHANGE, CLOVERLEAF	3	4	428	615	1,226	1,657
INTERCHANGE, DIAMOND	22	28	1,901	2,765	6,593	8,516
INTERCHANGE, DIRECTIONAL	7	7	442	608	1,401	1,850
INTERCHANGE, FOLDED DIAMOND	4	4	92	136	250	346
INTERCHANGE, OTHER	10	10	347	507	1,227	1,584
INTERCHANGE, PARTIAL DIAMOND	4	5	589	851	1,847	2,440
INTERCHANGE, TRUMPET	0	0	40	59	139	179
NOT STATED OR NOT INTERSECTION	551	629	11,606	17,560	24,372	36,529
PUBLIC ROAD OR STREET	172	189	10,158	16,162	26,908	37,238
WITHIN REST AREA	0	0	2	6	5	7
WITHIN WEIGHT STATION	0	0	0	0	0	0
Totals	774	877	25,794	39,549	64,633	91,201



Missouri Department of Transportation
Transportation Planning
Fatal Accidents by Intersection Type

Date: 6/27/2005

774 Fatal Accidents

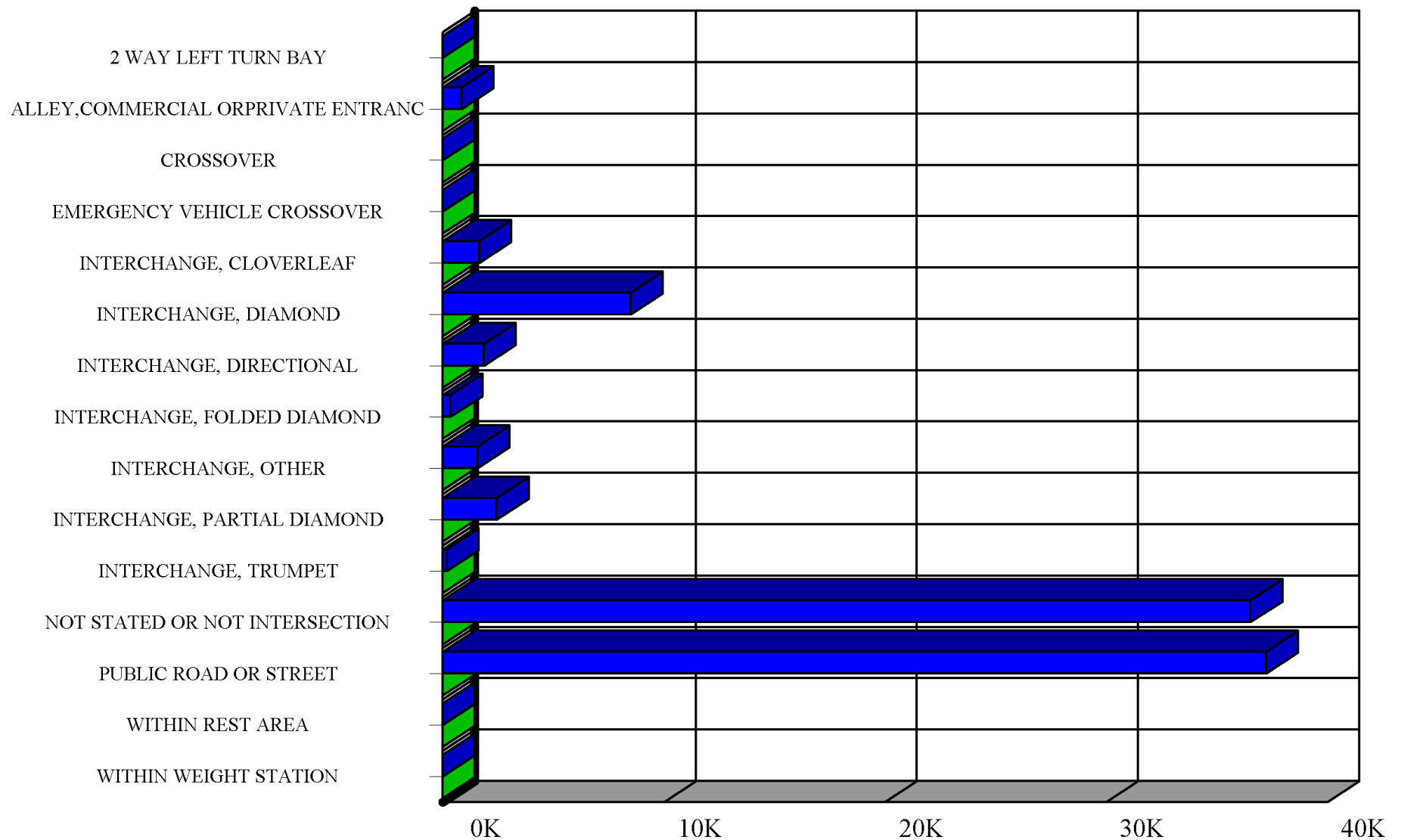




Missouri Department of Transportation
Transportation Planning
Total Accidents by Intersection Type

Date: 6/27/2005

91201 Total Accidents



Chapter 1-M : ACCIDENTS INVOLVING PEDESTRIANS

Pedestrian fatalities increased 20% in 2004 compared to 2003.

64.6% of pedestrian fatalities and 49.3% of pedestrian injuries occurred during the hours of darkness in 2004.

The age span of 15-24 years accounted for 23.0% of the pedestrian injuries during 2004.

The age span of 15-24 years accounted for 16.7% of the pedestrian fatalities during 2004. The age span of 35-44 years accounted for 22.9% of the pedestrian fatalities during 2004.



**Missouri Department of Transportation
Transportation Planning
2004 Accidents by Pedestrian Maneuver by Age**

Date: 6/27/2005

Pedestrian Maneuver	0-4 Fatal	0-4 Injury	5-9 Fatal	5-9 Injury	10-14 Fatal	10-14 Injury	15-24 Fatal	15-24 Injury	25-34 Fatal	25-34 Injury	35-44 Fatal	35-44 Injury	45-54 Fatal	45-54 Injury	55-64 Fatal	55-64 Injury	65-74 Fatal	65-74 Injury	75 & Up Fatal	75 & Up Injury	Not Stated Fatal	Not Stated Injury	Totals
BEHIND PARKED CAR	0	1	0	1	0	0	1	5	0	6	1	5	1	1	1	2	0	0	0	1	0	0	26
CROSSWALK MARKED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GETTING ON/OFF VEHICLE	0	0	0	0	0	0	0	1	0	2	0	1	0	1	0	0	0	1	0	0	0	0	6
NOT STATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NOT STATED/UNKNWN/NO PEDS	0	1	0	0	0	3	0	4	0	5	0	3	0	1	0	0	0	1	0	3	0	0	21
OFF ROADWAY	0	1	1	0	0	0	0	4	0	2	0	2	1	3	0	2	1	0	0	1	0	0	18
OTHER IN ROAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OTHER WORKING	0	0	0	0	0	0	0	1	0	4	0	3	2	0	0	1	0	0	0	0	0	0	11
PLAYING IN ROAD	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
PUSHING/WORKING ON VEHICLE	0	0	0	0	0	0	0	2	0	3	0	0	0	0	0	2	0	0	0	0	0	0	7
SIGNAL MOVEMENT	0	2	0	8	0	17	4	25	1	18	3	9	1	12	1	5	1	7	4	2	0	0	120
STANDING IN ROAD	0	1	0	0	0	2	2	8	3	4	4	6	1	2	1	3	1	1	0	0	0	0	39
WALKING AGAINST TRAFFIC	0	0	0	0	0	3	0	6	0	4	1	5	1	2	0	0	0	0	0	1	0	0	23
WALKING WITH TRAFFIC	0	0	0	0	1	0	0	6	3	10	2	5	2	7	1	3	0	1	0	0	0	0	41
WITHIN CROSSWALK	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	1	0	0	0	0	0	0	5
WITHIN MARKED CROSSWALK	0	0	0	1	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	5
Totals	0	7	1	10	1	27	8	64	7	59	11	39	9	33	4	19	3	12	4	8	0	0	326



**Missouri Department of Transportation
Transportation Planning**

Date: 6/27/2005

2004 Accidents by Pedestrian Maneuver by Light Condition

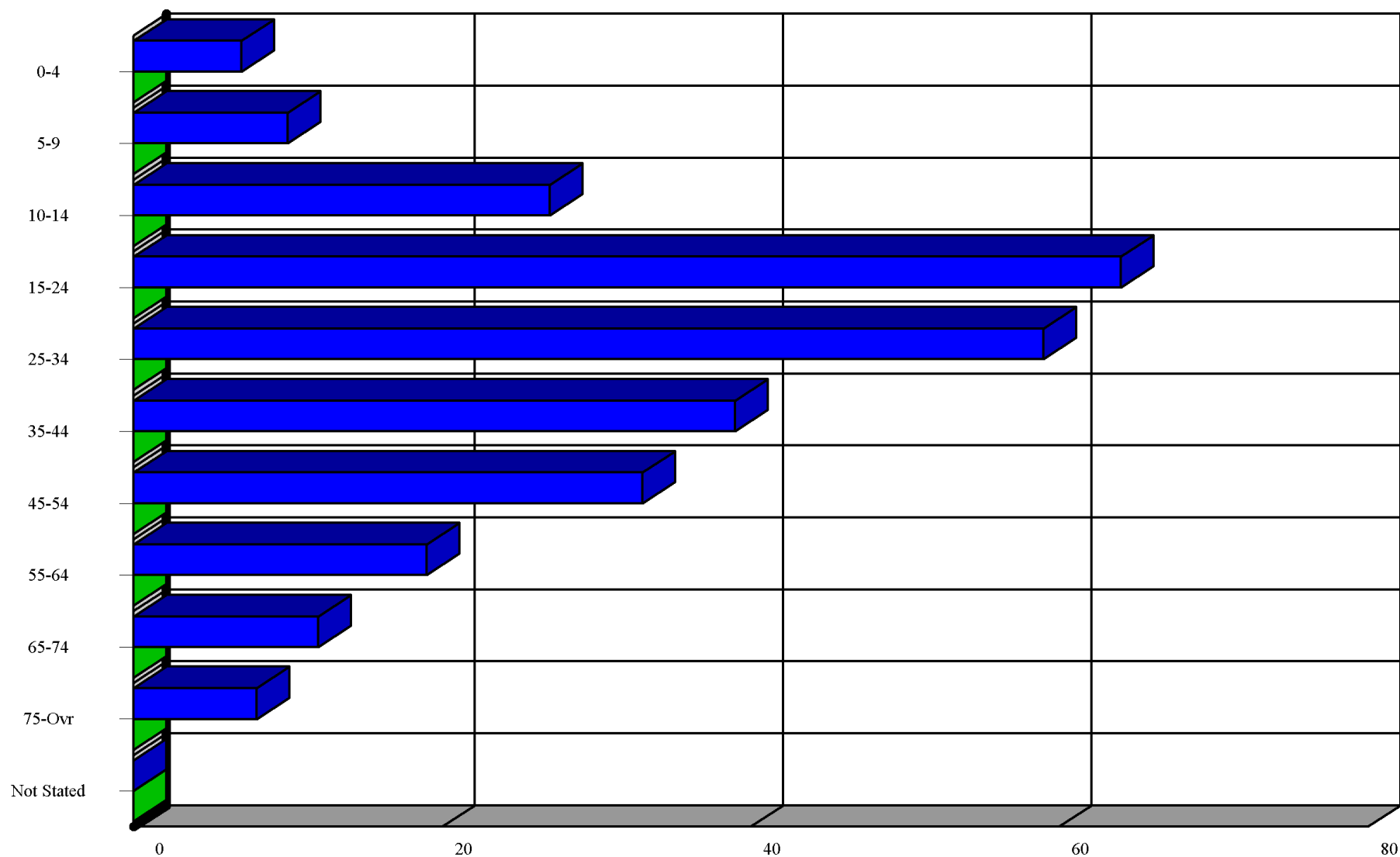
PEDESTRIAN MANEUVER	DARK		LIGHT		UNKNOWN	
	Total Fatalities	Total Injuries	Total Fatalities	Total Injuries	Total Fatalities	Total Injuries
BEHIND PARKED CAR	1	8	3	13	0	1
CROSSWALK MARKED	0	0	0	0	0	0
GETTING ON/OFF VEHICLE	0	3	0	3	0	0
NOT STATED/UNKNWN/NO PEDS	0	9	0	12	0	0
OFF ROADWAY	0	5	3	10	0	0
OTHER IN ROAD	0	0	0	0	0	0
OTHER WORKING	0	3	2	6	0	0
PLAYING IN ROAD	1	2	0	1	0	0
PUSHING/WORKING ON VEHICLE	0	4	0	3	0	0
SIGNAL MOVEMENT	12	46	3	58	0	1
STANDING IN ROAD	9	20	2	7	1	0
WALKING AGAINST TRAFFIC	1	8	1	13	0	0
WALKING WITH TRAFFIC	7	28	2	4	0	0
WITHIN CROSSWALK	0	1	0	4	0	0
WITHIN MARKED CROSSWALK	0	0	0	5	0	0
TOTALS	31	137	16	139	1	2



Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

Injury Pedestrian Accidents by Age
278 Pedestrian Injuries

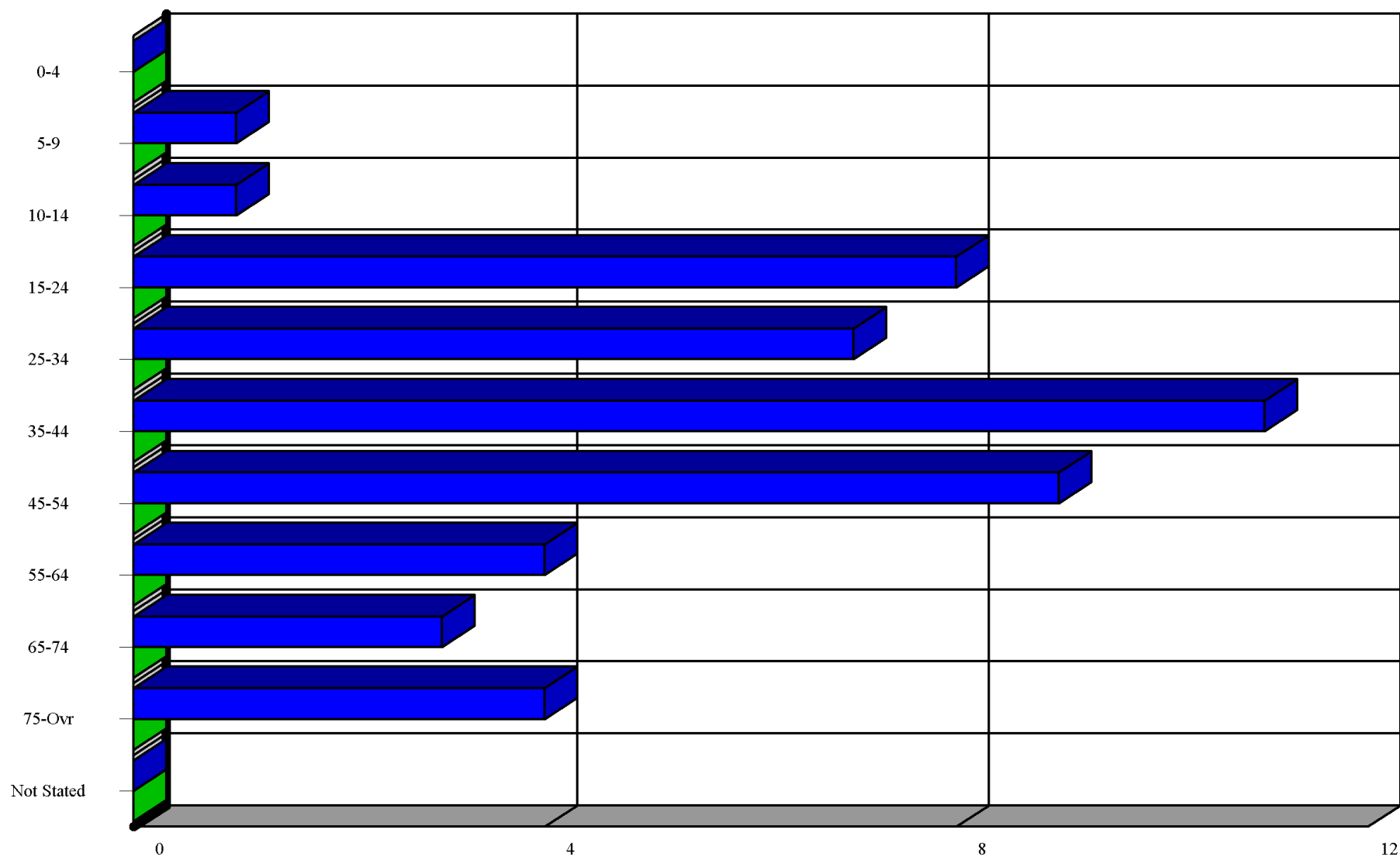




Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Fatal Pedestrian Accidents by Age 48 Pedestrian Fatalities

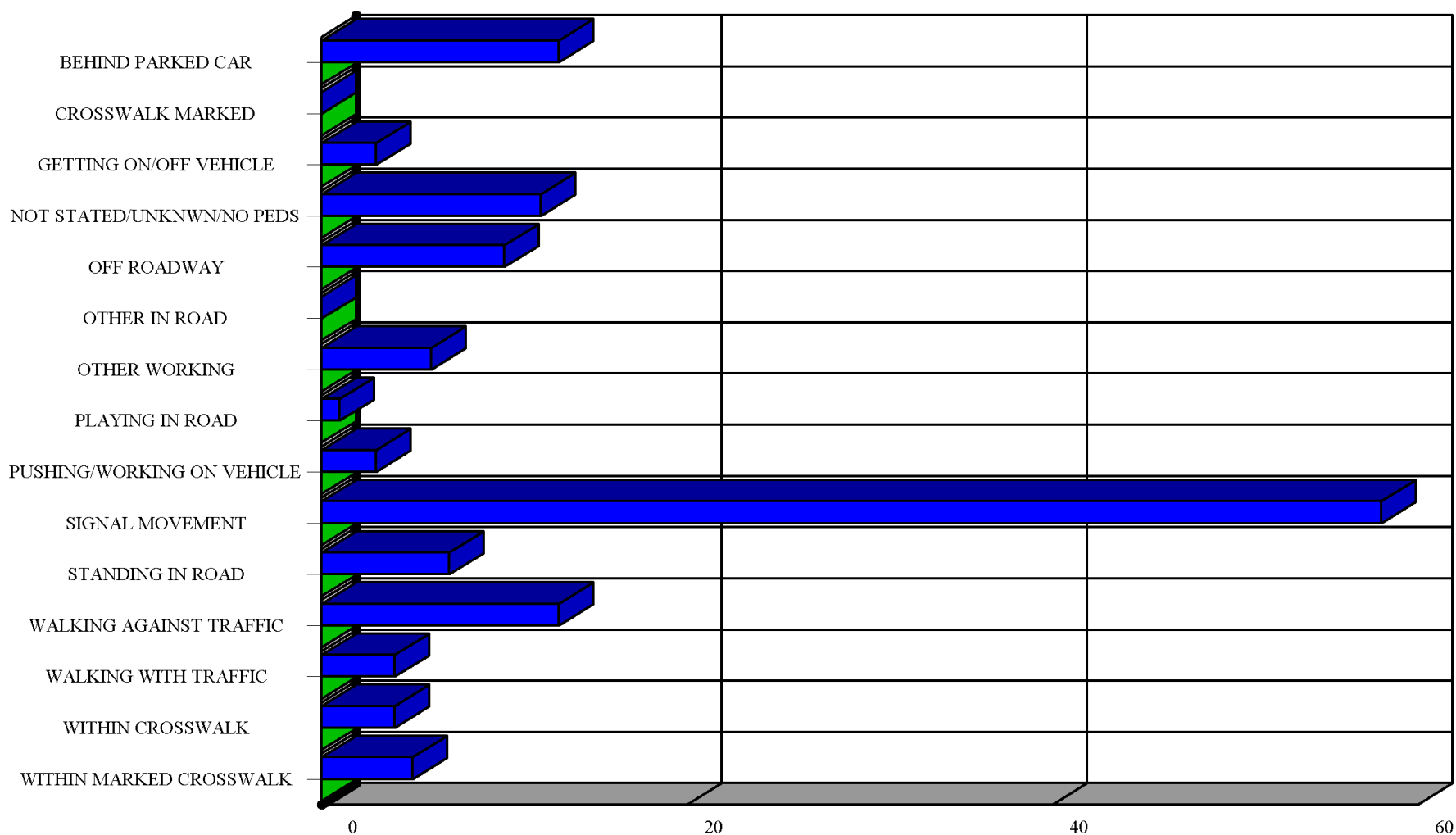




Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

Accidents by Pedestrian Maneuver by Light Condition
139 Injuries in Day Condition

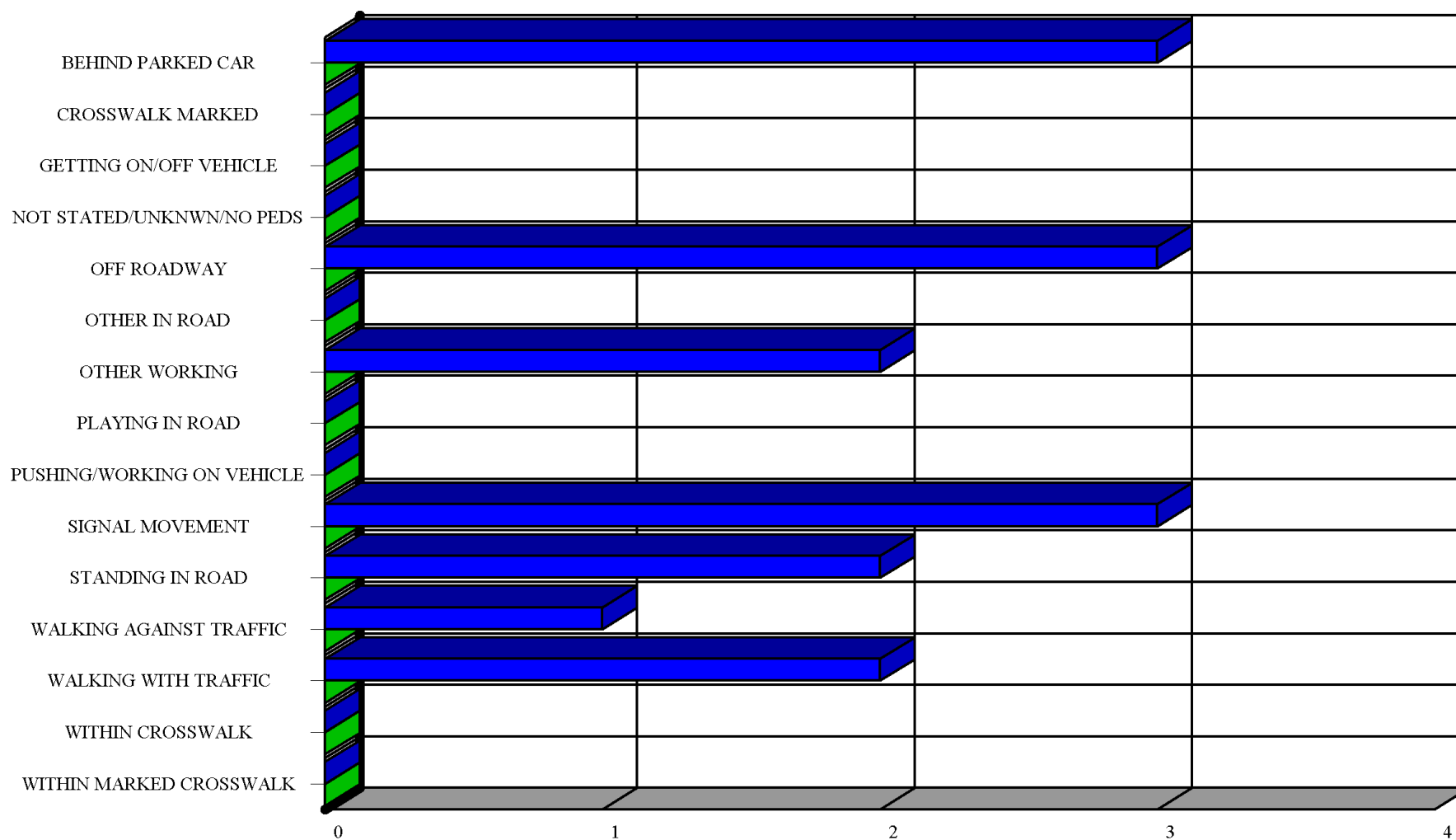




Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Accidents by Pedestrian Maneuver by Light Condition 16 Fatalities in Day Condition

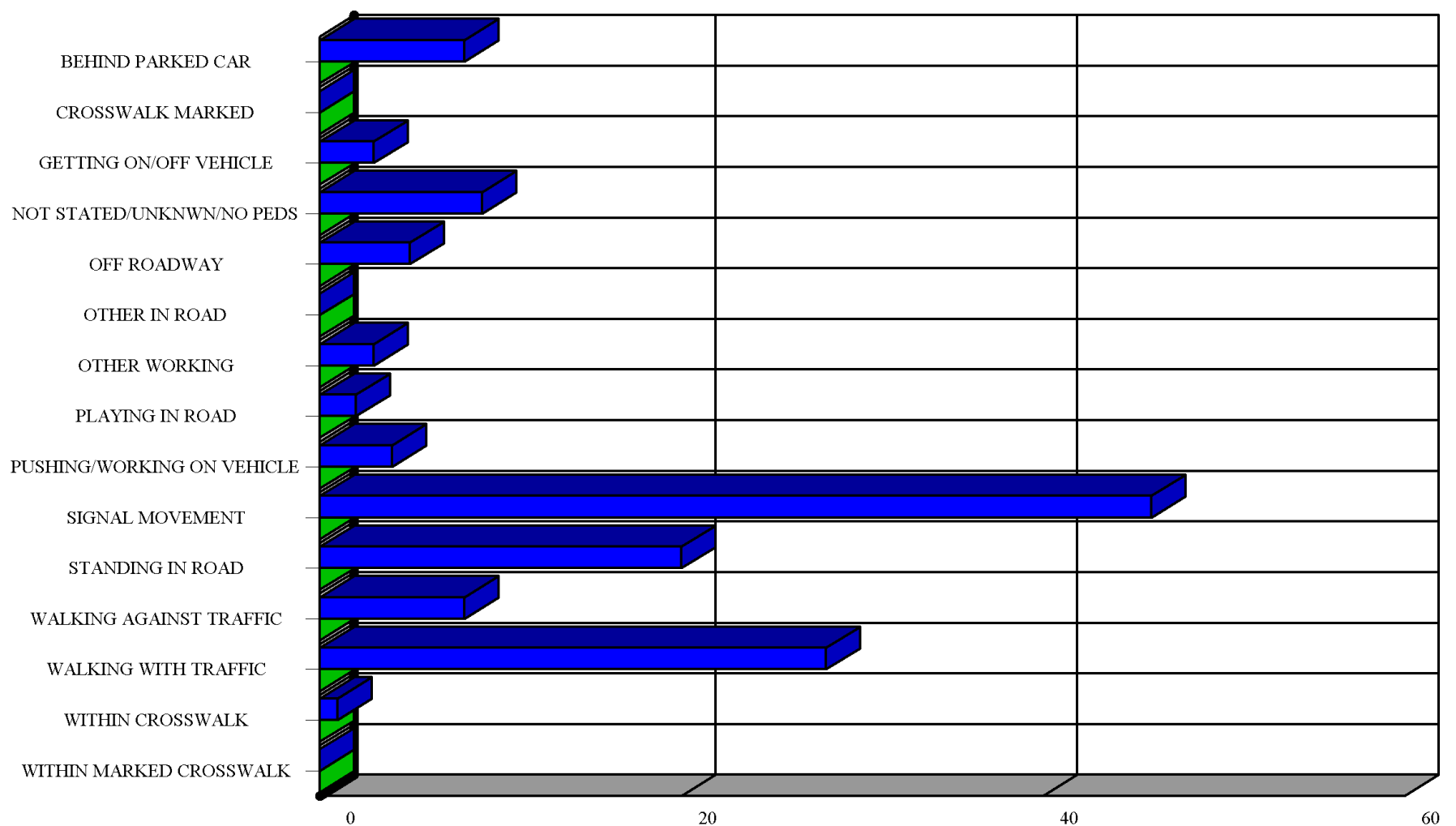




Missouri Department of Transportation
Transportation Planning

Date: 6/27/2005

Accidents by Pedestrian Maneuver by Light Condition
137 Injuries in Dark Condition

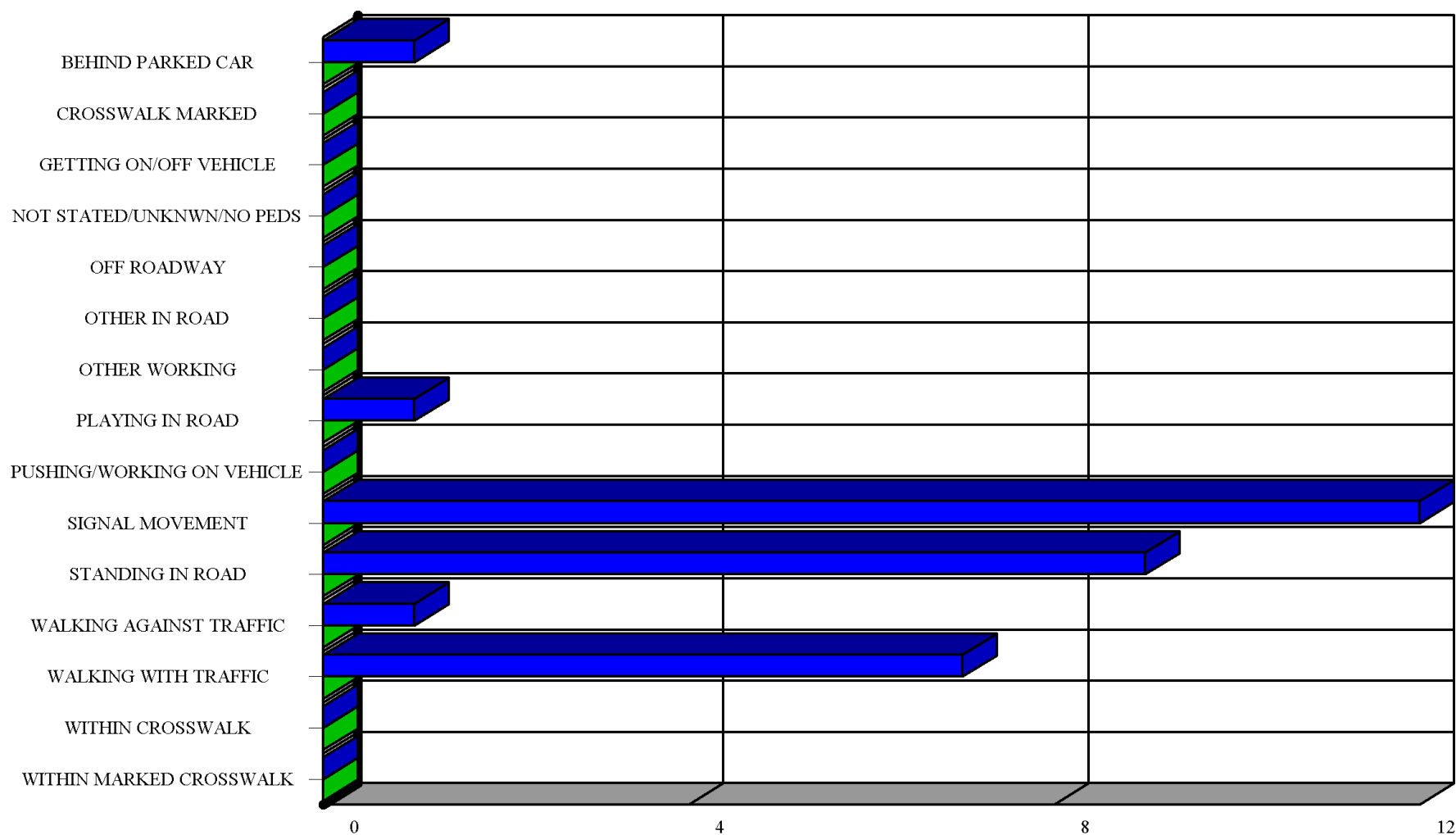




Missouri Department of Transportation Transportation Planning

Date: 6/27/2005

Accidents by Pedestrian Maneuver by Light Condition 31 Fatalities in Dark Condition



Chapter 1-N : ACCIDENTS BY INVESTIGATOR

Of the 91,201 accidents occurring on the State Highway System of Missouri in 2004, 35.4% were investigated by the State Highway Patrol and 64.4% were investigated by local agencies.

Of the 744 fatal accidents that occurred in 2004, 81.1% were investigated by the State Highway Patrol and 18.9% were investigated by local agencies.



Missouri Department of Transportation
Transportation Planning
2004 Accidents by Investigator

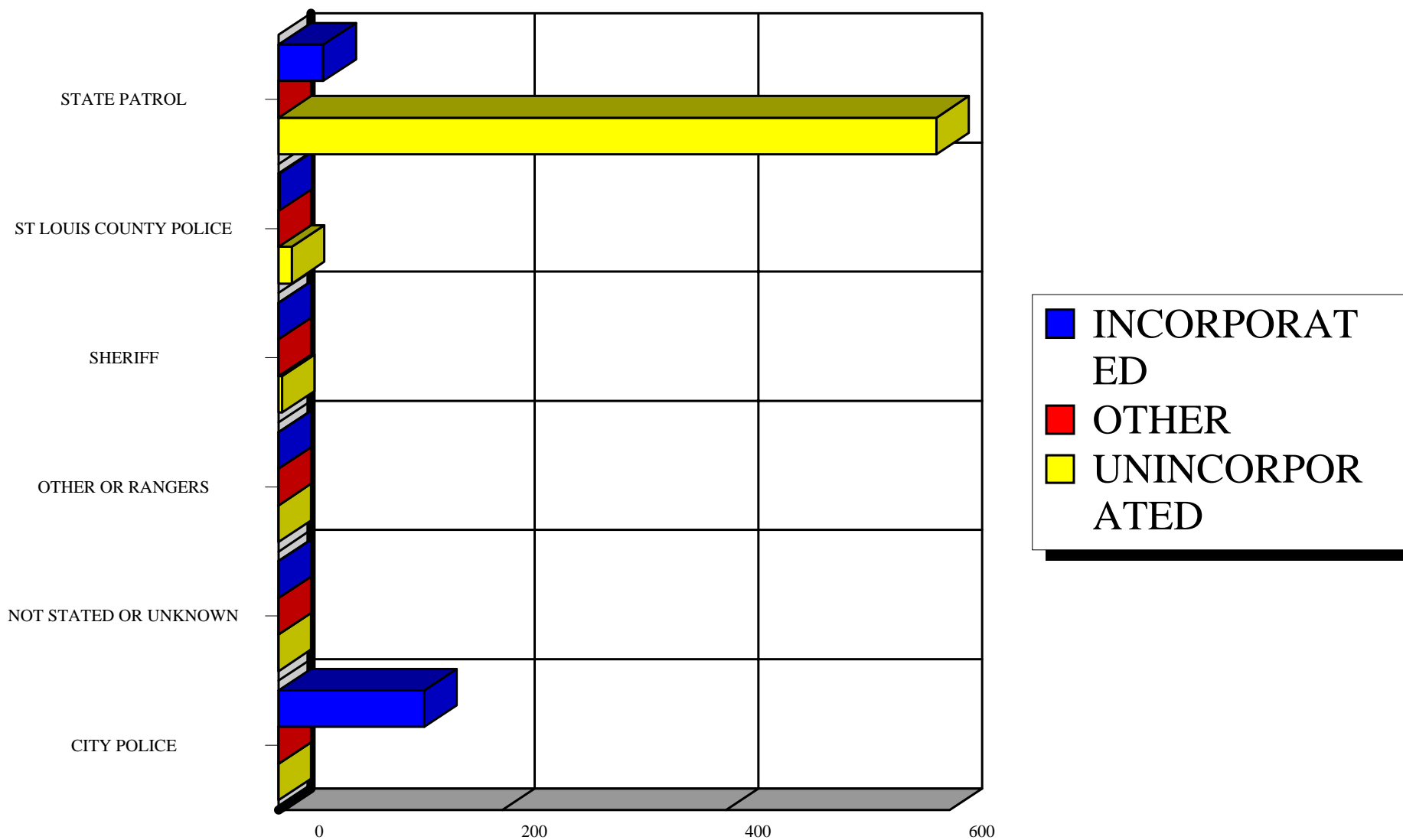
Date: 7/27/2005

INVESTIGATOR	Fatal Accidents	Total Fatalities	Injury Accidents	Total Injuries	PDO Accidents	Total Accidents
UNINCORPORATED						
UNINCORPORATED SHERIFF	3	4	498	680	1,568	2,069
UNINCORPORATED ST LOUIS COUNTY POLICE	12	12	962	1,384	2,876	3,850
UNINCORPORATED STATE PATROL	588	672	10,463	16,530	17,746	28,797
INCORPORATED						
INCORPORATED CITY POLICE	130	142	12,769	19,192	39,031	51,930
INCORPORATED SHERIFF	0	0	58	82	181	239
INCORPORATED ST LOUIS COUNTY POLICE	1	1	164	245	490	655
INCORPORATED STATE PATROL	40	46	858	1,400	2,612	3,510
RANGER						
OTHER OR RANGERS	0	0	22	36	129	151
NOT STATED						
NOT STATED OR UNKNOWN	0	0	0	0	0	0
Totals	774	877	25,794	39,549	64,633	91,201



Missouri Department of Transportation
Transportation Planning
2004 Fatal Accidents by Investigator
774 Fatal Accidents

Date: 7/27/2005





Missouri Department of Transportation
Transportation Planning
2004 Accidents by Investigator
91,201 Total Accidents

Date: 7/27/2005

